

MAHATMA GANDHI UNIVERSITY

Priyadarsini Hills,
Kottayam



Choice Based Credit and Semester System 2017

Syllabus

For

Under Graduate Programmes

In

SANSKRIT

2017

MAHATMAGANDHI UNIVERSITY

CBCSS SYLLABUS For SANSKRIT

Under Graduate Programmes

2017

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ACKNOWLEDGEMENT

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I express profound gratitude to the Honourable Vice-Chancellor, Pro-Vice Chancellor, Registrar, Members of the Syndicate and Academic Council for their sincere co-operation and guidance for completion of this work. I place on record my wholehearted gratitude to the members of Faculty of Language and literature and Board of Studies for their untiring efforts. I also appreciate the efforts of members of University Academic Section and other staff.

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Faculty of Language and Literature,
Mahatma Gandhi University,
Kottayam

MAHATMA GANDHI UNIVERSITY KOTTAYAM



SYLLABUS FOR UNDER GRADUATE PROGRAMMES (UGCBCSS)

COMMON COURSES ADDITIONAL LANGUAGE SANSKRIT (2017 ONWARDS)

Common Course Additional Language Sanskrit Model I

Semester	Sl. No	Course Code	Course	Topic	Instructional Hours	Credits	Internal	External
Semester I	1	SK1CCT01	Additional Language - Sanskrit-1	Poetry, Prose and Alankara	4	4	20	80
Semester II	2	SK2CCT02	Additional Language - Sanskrit- II	Communication Skills in Sanskrit Languages	4	4	20	80
Semester III	3	SK3CCT03	Additional Language - Sanskrit- III	Poetry, Drama and Translation	5	4	20	80
Semester IV	4	SK4CCT04	Additional Language - Sanskrit- IV	Historical Survey of Sanskrit Language & Kerala Culture	5	4	20	80

**I Semester BA/BSc (Model I) Programme
Common Course Additional Language-Sanskrit-1
Literature in Sanskrit Language**

POETRY, PROSE AND ALANKARA

COMMON COURSE- SK1CCT01

Credit 4

Contact Hours 72

Aim of the Course

The literary merits of prose and poetry of Sanskrit literature is well known. The aim of the course is to provide a general awareness on both. The course introduces two works in Sanskrit viz. Subhaashitas (Selected) and Sakuntalakatha by K. L. Vyasaraaya Sastrikal. To make students familiar with figures of speech in Sanskrit, Kuvalayananda is also introduced.

Objectives of the Course

1. To make awareness about Sanskrit Classical literature.
2. To make an awareness of the Sanskrit poetry and its tradition.
3. To make an awareness of the Sanskrit prose and its tradition.
4. To familiarize the students with some figures of speech and their usage.

Course Outline

Module-I

To introduce major poets and their works in Sanskrit Literature.
Subhaashitas (Selected 15 slokas)

Module-II

To introduce a model of Sanskrit Prose
Sakuntalakatha Act 4 सर्वैरनुज्ञायताम्।

Module III

To familiarise the students with some figures of speech and their usage.
Kuvalayananda of Appayya Dikshita. (Karikas only.)
Definitions of Upama, Ullekha, Dipaka, Vyatireka.

Module IV

General and critical appreciation of Sakuntalakatha

Essential Reading

1. Sakuntalakatha : K. L. Vyasaraaya Sastrikal, Act IV.
2. Kuvalayananda : Appayyadiksita.
3. Bhartruharisubhashitam

Additional Reading

1. Abhijnanasakuntalam, M. R. Kale, Motilal Banarsidas, Delhi.
2. Sakuntalaprakasika, Dr. M. V. Gopalakrishnan, Sahodaran Publications
Thiruvananthapuram
3. Subhasitaratnabhandagara

Subhashitas

1. आचार्यात् पादमादत्ते पादं शिष्यः स्वमेधया।
पादं सब्रह्मचारिभ्यः पादं कालक्रमेण च।।
2. माता पिता च शत्रुः येन बाल्ये न पाठ्यते।
सभामध्ये न शोभते हंसमध्ये बको यथा।।

3. काकदृष्टिर्बकध्यानम् श्वाननिद्रा तथैव च।
अल्पाहारं जीर्णवस्त्रमेतद्विद्यार्थिलक्षणम्॥
4. महजनस्य सम्पर्कः कस्य नोन्नतिकारकः।
पद्मपत्रस्थितं वारि धत्ते मुक्ताफलश्रियम्॥
5. वृश्चिकस्य विषं पुच्छं मक्षिकायाः विषं शिरः।
तक्षकस्य विषं दन्तं सर्वाङ्गं दुर्जनस्य च॥
6. पक्षीणां बलमाकाशं मत्स्यानामुदकं बलम्।
दुर्बलस्य बलं राजा बालानां रोदनं बलम्॥
7. यौवनं धनसम्पत्तिः प्रभुत्वमविवेकिता।
एकैकमप्यनर्थाय किमु यत्र चतुष्टयम्॥
8. रूपयौवनसम्पन्ना विशालकुलसम्भवाः।
विद्याहीनाः न शोभन्ते निर्गन्धा इव किंशुकाः
9. पुस्तकस्थापिता विद्या परहस्तगतं धनम्।
देशान्तरगतः पुत्रो नाममात्रमुपाचरेत्॥
10. पुष्पेषु जाती पुरुषेषु विष्णुर्नारीषु रम्भा नगरीषु काञ्ची।
नदीषु गङ्गा नरेषु रामः काव्येषु माघः कविकालिदासः॥
11. विद्या प्रशस्यते लोकैः विद्या सर्वत्र गौरवा।
विद्यया लभते सर्वं विद्वान् सर्वत्र पूज्यते॥
12. विद्वत्तं च नृपत्वञ्च नैव तुल्यं कदाचन।
स्वदेशे पूज्यते राजा विद्वान् सर्वत्र पूज्यते॥
13. अवश्यमनुभोक्तव्यं कृतं कर्म शुभाशुभम्।
न भुक्तं क्षीयते कर्म कल्पकोटिशतैरपि॥
14. वस्त्रमुख्यमलङ्कारं घृतमुख्यं तु भोजनम्।
गुणमुख्यं तु नारीणां विद्यमुख्यस्तु पण्डितानाम्॥
15. न चोरहार्यं न च राजहार्यम न भ्रातृभाज्यं न करोति भारम्।
व्यये कृते वर्धत एव नित्यं विद्याधनं सर्वधनात्प्रधानम्॥

II Semester BA /BSc (Model I) PROGRAMME
Common Course Additional language -Sanskrit-II
Communication Skills in Sanskrit Languages

COMMON COURSE- SK2CCT02

Credit 4

Contact Hours 72

Aim of the Course

The aim of the Course is to develop the basic knowledge in Sanskrit among students.

Objectives of the Course

1. To introduce the student various Number, Cases and Gender forms in Sanskrit
2. To create an awareness about verbal forms
3. To develop the communication skills and writing skills in Sanskrit language.
4. To understand how conversations are conducted in drama texts.

Course Outline

Module-I.

Karnabhara

To inculcate students with reading and communication skills in Sanskrit

Module-II

Raghuvamsa I Canto (1-30 verses)

Module III

General awareness of nouns

Bala, Kavi, Sita, Vanam.

General Awareness of

Verbs Lat, Lang, Lrt

(Bhu Dhatu only)

Module-IV

Simple structure of Sentence

Sentence Construction (Identifying Kartru, Karma, and Kriya)

To create students skill in poetic style.

Essential Reading

Karnabhara of Bhasa, RS Vadhyar& Sons Kalpathi, Palakkad.

Raghuvamsa of Kalidasa, Rastriya Samskrta Samsthan, New Delhi,

Siddharupam: Vidyarambham Press,Alappuzha.

Sabdamanjari: Chowkhamba Sanskrit Series Office,Varanasi,(U.P.).

Dhaturupamanjari: Chowkhamba Sanskrit Series Office,

Varanasi,(U.P.). Samskrtavyakaranapravesika: Pandit L

AnantharamaSastri.

Additional Reading

Balabodhini: Rajarshi Sree Ramavarma , Publication Division, Govt Sanskrit College, Tpra.

Kamadhenu: Bharata Pisharoti. E.P; Bharatiya Vidyapeethom; Trissur.

Vakyatatvam: Ananthanarayana Sastri.

Samskrtaswadhyaya: Sambhasanam (ed.) Vempati Kudumba Sastri., Rastriya Samskrta

Pratistanam, New Delhi.

III Semester BA /BSc (Model I) PROGRAMME
Common Course Additional Language -Sanskrit- III
Poetry, Drama and Translation

COMMON COURSE- SK3CCT03

Credit 4

Contact Hours 90

Aim of the Course

The aim of the Course is to facilitate the use of translation as a tool for communication without grammatical errors.

Objectives of the Course

1. To develop the skill in constructing sentences among students.
2. To know about different methods of translation.
3. To develop skill in translating prose and poetry.
4. To enrich students' mind with wise sayings.

Course Outline

Module-I.

Viduraniti (40 verses of the first chapter beginning from 20th verse to 60th verse)

Module-II

Mrcchakatikakathasangraha (first two acts only)

Module III

General awareness of gramatical forms like splitting the word and combining them and to use them in a sentence.

(यदा-नदा, यदि-तर्हि, यथा-तथा, यावत् - तावत्)

Module-IV

Textual translation of prose and poetry.

Essential Reading

Mrcchakatikakathasangraham, P. C. Vasudevan Ilayat, RS Vadhyar& Sons Kalpathi, Palakkad.

Exercise in Sanskrit Translation, RS Vadhyar& Sons Kalpathi, Palakkad.

Viduraniti, Chowkhamba Sanskrit Series Office, Varanasi,(U.P.)

Additional reading

Viduraniti, Sriramakrishana Matham, Puranattukara

IV Semester BA /BSc (Model I) PROGRAMME
Common Course Additional Language -Sanskrit-IV
Historical Survey of Sanskrit Language &
Kerala Culture

COMMON COURSE – SK4CCT04

Credit 4

Contact Hours 90

Aim of the Course

The aim of the Course is to familiarize the student with the history of Sanskrit Language.

Objectives of the Course

1. To enable the student to engage with conceptual issues relating to Culture and Civilization.
2. To familiarize the student with Culture & Civilization in Epic and Mahakavyas.
3. To introduce the awareness of Kerala authors and their Sanskrit texts.

Course Outline

Module-I.

To give student the detailed study of the content and date of Ramayana and Mahabharata, the stages of development and their influence to later poets.

Module-II

To introduce students the PanchaMahakavyas, their origin and development.

Module III

To introduce student the Socio-ecological and literary aspects of some main dramas in Sanskrit (8dramas included)

1. Swapnavasavadattam
2. Pratijnayaugandharayanam
3. Malavikagnimitram
4. Vikramorvaseeyam
5. Abhijnanasakunthalam
6. Mrcchakatikam
7. Uttararamacharitam
8. Ascharyachudamani

Module-IV

To introduce the important Sanskrit Writers in Kerala.

1. SreeSankaracharya
2. A.R. Rajaraja Varma
3. P.C. Devasya
4. Dr. P.K. Narayana Pillai
5. Dr. K.N. Ezhuttacchan
6. Melpathoor Narayana Bhattathiri
7. Sukumarakavi
8. Kerala Varma ValiyakoyilThampuram

Essential Reading

1. A Short History of Sanskrit Literature, T.K. Ramachandra Iyer
2. Samskrita Sahitya Charithram, Ed. Kunjunni Raja & Dr. M.S. Menon, Kerala Sahitya Academi, Trissur.
3. Samskritabhashayum Sahityavum, T.P. Balakrishnan Nair.

Additional Reading

1. History of Sanskrit Literature, A.B Keith
2. Contribution of Kerala to Sanskrit Literature, Dr. K. Kunjunni Raja

Common Course Additional Language Model II

**B.A/B.Sc/B.Com (Model 2) Vocational
2017 Admission Additional language Sanskrit**

Semester	Sl. No.	Course Code	Course	Topic	Instructional Hours	Credits	Internal	External
Semester I	1	SK1CCT05	Common course Additional Language Sanskrit I	Literature in Sanskrit Language Poetry & Drama	5	4	20	80
Semester II	2	SK2CCT06	Common course Additional Language Sanskrit II	Communication Skills in Sanskrit Prose Drama And translation	5	4	20	80

**I Semester BA/BSc/BCom (Model 2) Vocational
2017 Admission
Additional language Sanskrit I**

Literature in Sanskrit language (Poetry & Drama)

Common course –SK1CCT05

Credit 4

Contact Hours 90

Aim of the Course

- The aim of the course is to learn Sanskrit for effective communication in different spheres of life.

Objectives of the Course

- Practical knowledge of communication of effective writing through the study of certain Subhashitas.
- To familiarise Poetry and Drama.
- To give the student a basic understanding of Sanskrit literature.

Course Outline

Module I – Familiarising simple Subhashitas.

Module II – Textual study of Nalodantam. (6-44 slokas -Svayamvarakandam)

Module III – Textual study of Mrichakadika katha sangraham (I Anka)

Module IV – General awareness of Arthasastra.

Essential Reading

Nalodantam – by V.S Guruswami Sastrikal, Retd. Prof. Vedanta, Govt. Sanskrit College, Thiruvananthapuram.

Mrichakadikam - Sudraka

सुभाषितानि

1. महाजनस्य सम्पर्कः कस्य नोन्नतिकारकम्।
पद्मपत्रस्थितं वारि धत्ते मुक्ताफलश्रियम्।
2. वृश्चिकस्य विषं पुच्छं मक्षिकायाः विषं शिरः।
तक्षकस्य विषं दन्तं सर्वाङ्गं दुर्जनस्य च॥
3. पक्षीणां बलमाकाशं मत्स्यनामुदकं बलम्।
दुर्बलस्य बलं राजा बालानां रोदनं बलम्॥
4. आचार्यात् पादमादत्ते पादं शिष्यः स्वमेधया।
पादं सब्रह्मचारिभ्यः पादं कालक्रमेण च॥
5. विद्या प्रशस्यते लोकैः विद्या सर्वत्र गौरवा।
विद्यया लभते सर्वम् विद्वान् सर्वत्र पूज्यते॥
6. कामधेनुसमा विद्या सदैव फलदायिनी।
प्रवासे मातृवत् तस्मात् विद्या गुप्तं धनं स्मृतम्॥
7. विद्वत्तं च नृपत्वञ्च नैव तुल्यं कदाचन।
स्वदेशे पूज्यते राजा विद्वान् सर्वत्र पूज्यते॥
8. काकदृष्टिर्विकथ्यानां श्वाननिद्रा तथैव च।
अल्पाहारं जीर्णवस्त्रम्विद्वान्निर्लक्षणम्॥
9. रविसन्निधिमात्रेण सूर्यकान्ति प्रकाशयेत्।
गुरुसन्निधिमात्रेण शिष्यज्ञानं प्रकाशयेत्।
10. यौवनं धनसम्पत्तिः प्रभुत्वमविवेकिता।
एकैकमप्यनर्थाय किमु यत्र चतुष्टयम्॥

**II Semester Model-II B.A/B.Sc/B Com Vocational Program
2017 Admission
Common course Additional Language – Sanskrit II**

Prose, Drama, & Translation

Common Course SK2CCT06

Credit 4

Contact Hours 90

Aim of the Course

- This course is aims to develop the aesthetic skill of students through the study of Sanskrit literature.
- To familiarise the students with the ancient concept of commerce.

Objectives of the Course

- To familiarise the students with the ancient concept of agriculture, cattle-field, business and money lending.
- To familiarise the style of Sanskrit drama.

Course Outline

Module I – Textual study of Varta –Chapters Upakramam, Vanijyam, Kuseedam and Upasamhara. General awareness of Arthasastra.

Module II – Textual studies of Sakuntalakathasangraha IVth Anga.

Module III – Translation from Sakuntala Kathasangraham.

Module IV – General awareness of Kalidasa's works.

Essential Reading

1. Varta- Subbarambhattar
2. Sakuntalakathasangraham – K.L Vyasarayasastrikal.

Additional Reading

1. Arthasastra of Kautilya
2. Kalidasasarvasvam - Dr. Sudhamsu Caturvedi

**MAHATMA GANDHI UNIVERSITY
KOTTAYAM**



**SYLLABUS FOR UNDER GRADUATE
PROGRAMMES (UGCBCSS)**

**SANSKRIT COMPLEMENTARY COURSE
COMMON FOR HINDI, MALAYALAM AND
MUSIC PROGRAMMES
(2017 ONWARDS)**

SYLLABUS

III SEMESTER B.A. PROGRAMME (2017 ADMISSION)

Complementary Sanskrit

Common for Hindi, Malayalam & Music Programmes

Semester	Sl. No	Course Code	Course	Topic	Instructi onal Hours	Credits	Internal	External
Semester III	1	SC3CMT01	Complementary Sanskrit - I	Poetry, Rhetorics & Basic of Sanskrit Grammar	6	4	20	80
Semester IV	2	SC4CMT02	Complementary Sanskrit - II	Prose, Vritha, Alankara, theories of Poetics & Grammar	6	4	20	80

III SEMESTER B.A. PROGRAMME (2017 ADMISSION)

Common for Hindi, Malayalam & Music Programmes

Complementary Sanskrit - I

Poetry, Rhetorics & Basic of Sanskrit Grammar

Complementary - III

Credit - 4

Contact Hours - 108

Aim of the Course

The aim of the course is to impart the basic knowledge in Sanskrit to the students, those who pursuing for BA Malayalam. The intension of the design of this academic programme for benefiting to the student community, for developing the ability to synthesize various languages because the basic structure of many Indian languages originated from Sanskrit.

Objective of the Course

To make understand the students about the subtle features of Sanskrit, which are based on words in Sanskrit, have three numbers (Singular, Dual and Plural). Genders and cases are also will be subjected to the study.

To create an awareness about verbal forms in Sanskrit

To make understand the great traditions in the techniques of compilation of Sanskrit dictionaries.

To develop the poetical creativity and magnanimousness for opening the minds to the world of poetry.

To impart the ethnic status of knowledge of Aesthetics in Sanskrit.

To understand various scientific Techniques of Paninian grammar for developing a scientific language.

Course Outline - III Semester

General awareness of nouns, Bala, Lata, Vanam, Asmat, Yushmat.

General awareness of Verbs.

To create the skills in Sanskrit poetry and to make understand classical writer Kalidasa's Raghuvamsa.

To familiarise the various techniques in the compilation of Sanskrit dictionary through Amarakosa.

To familiarize the poetics and rules in the construction of traditional Sanskrit Kavya and its writing

Module I

Maheswara Sutra and Amarakosa First ten slokas.

Module II

- a) Declensions of Bala, Lata, Vanam, Asmat, Yushmat
- b) Conjugations of 'पठ्' धातु लट्, लृट्, लङ्, 'लभ्' धातु लट्, लृट्, लङ् लकाराः च' ("Path" dhatu in Lat, Lrut and Lang and "Labh" Dhatu in Lat, Lrut and Lang

Module III

Raghuvamsa Canto II 1-30 Slokas.

Module IV

Kavyadarsa first 20 slokas of first chapter

Essential Reading

- Siddharupavali - K.S. ParameswaraSasthri, Puranattukara
Dhaturupavali - NirnayaSagarPrakasan, Bombay
Sabdamanjari - Ed. K.L.V Sastri& L. Ananta Rama Sastri
DhaturupaManjari - R.S. Vadhyar & Sons, Palakkad
Subhashitatrihati - Bharthrhari

Additional Reading

- Amarakosam - Amarasimha
KalidasaSarvaswam - Sudhamsu Chadurvedi
Kavyadarsham -Dandi

**IV Semester BA Programme
2017 Admission
Common for Hindi, Malayalam & Music Programmes**

Complementary Sanskrit –II

Prose, Vritta, Alankara, Theories of Poetics & Grammar

Complementary IV

Credit 4

Contact Hours 108

Course Outline – IV Semester

Aim of the Course

- To familiarise the literary aspects of Sanskrit.

Objectives of the Course

- To create the skills in Sanskrit prose.
- To familiarise the poetic and rules in the construction of traditional Sanskrit Kavya and its writings.
- To familiarise the अलङ्कार and वृत्त.
- General awareness of सन्धि and विभक्त्यर्थप्रकरणम्।

Course Outline

Module I – Balaramayanam Balakandam

Module II – Kavyaprakasa Ullasa-I. (Kavyaprayojanam, Kavyakarnam, Kavyalakshanam and Kavyabhedam)

Module III – 1. Three Alankaras – Upama, Deepakam, Ullekha
2. Vrittam – The following four Vrittis – Vasanthathilakam, Malini, Mandakranta and Indravajra.

Module IV – Sandhi and Vibhaktyarthaprakrana (Selected sutras)

सन्धिप्रकरणम् ।

इकोयणचि । एचोऽयावयावः । अदेङ्गुणः । वृद्धिरादैच् । वृद्धिरेचि ।

विभक्त्यर्थप्रकरणम् ।

कर्तुरीप्सिततमं कर्म । कर्मणि द्वितीया । स्वतन्त्रःकर्ता । साधकतमं करणम् ।

कर्तृकरणयोस्तृतीया । कर्मणायमभिप्रैतिससंप्रधानम् ।

नमःस्वस्तिस्वाहास्वधाऽलंबषड्योगाच्च । ध्रुवमपायेऽपादानम् । अपादाने

पञ्चमी । आधारोऽधिकरणम् । सप्तम्यधिकरणे च ।

Essential Reading

Karakaprakaranam –LAGHUSIDHANTAKAUMUDI, Varadaraja.

Kavyaprakasa - Mammatabhatta

Kuvalayanandam- Appayya Dikshita

Laghuvrittarnakara

Additional Reading

1. Laghupaniniam – A.R. Rajarajavarma
2. Keralapaniniam - A.R. Rajarajavarma

**MAHATMA GANDHI UNIVERSITY
KOTTAYAM**

**REGULATIONS FOR UNDER GRADUATE
PROGRAMMES UNDER CHOICE BASED
SYSTEM 2017 (UGCBCS2017)
SYLLABUS**

**SANSKRIT GENERAL
(2017 ONWARDS)**

INTRODUCTION

The aim of the course is to learn Sanskrit for effective communication in different spheres of life. Sanskrit has a rich tradition of kavya and drama. The course is intended to provide a general awareness on them. The course also introduces classical works in Sanskrit by eminent writers.

A program that focuses on the application of biological, chemical, and Physical principles to the study of the physical environment and the solution of environmental problems, including subjects such as abating or controlling environmental pollution and degradation; the interaction between human society and the natural environment; and natural resources management.

As per the UGC norms MG University given the guide lines of modifications and Re-structuring of UG syllabus 2017-18, we have attended meeting in MG University on 02-03-2017 and attended Workshop on CBCSS UG Programme Syllabus Revision 2017-18 at Govt Sanskrit College, Thripunithura on 19-04-2017.

As per UGC the directions MG University issued the modules 1&2 for Environmental studies and module V for Human Rights. We have added 3&4 modules As Environmental studies based on our subject. In semester I instead of core I Poetry & Textual grammar added Methodology and in sem V instead of Prose and Applied Grammar added Samskratabhashayam Paryavarana vijnanam and in Vth semester itself instead of General Electives added Open Course.

SCHEME AND SYLLABUS

CHOICE BASED CREDIT SEMESTER SYSTEM 2017 -UG BA SANSKRIT LANGUAGE AND LITERATURE (GENERAL)

BA SANSKRIT LANGUAGE AND LITERATURE (GENERAL)

Semester	Sl. No.	Course Code	Course	Topic	Instructional Hours	Credits	External-internal
Semester I	1		Common English I		5	4	80-20
	2		Common English II		4	3	80-20
	3	SK1CCT01	Common Adl. Language I		4	4	80-20
	4	SG1CRT01	Core I	Methodology of Sanskrit General	4	3	80-20
	5	SG1CMT01	Complementary I	Functional Sanskrit	4	3	80-20
	6	SG1CMT02	Complementary II	Vedic Literature	4	3	80-20
Semester II	7		Common English III		5	4	80-20
	8		Common English IV		4	3	80-20
	9	SK2CCT02	Common Adl. Language II		4	4	80-20
	10	SG2CRT02	Core II	History of Sanskrit Literature	4	3	80-20
	11	SG2CMT03	Complementary III	Linguistics-Comparative Philology (Selected portions)	4	3	80-20
	12	SG2CMT04	Complementary IV	Vrta (20) & Alankara(20)	4	3	80-20
Semester III	13		Common English V		5	4	80-20
	14	SK3CCT03	Common Adl. Language III		5	4	80-20
	15	SG3CRT03	Core III	Informatics	5	4	80-20
	16	SG3CMT05	Complementary V	Nyaya-Tharkasamgraha	5	4	80-20
	17	SG3CMT06	Complementary V1	Cultural Heritage of India	5	4	80-20

Semester IV	18		Common English V1		5	4	80-20
	19	SK4CCT04	Common Adl. Language IV		5	4	80-20
	20	SG4CRT04	Core 1V	Vyakarana 1 Laghusiddhantakau mudy	5	4	80-20
	21	SG4CMT07	Complementary-V11	Lyrics	5	4	80-20
	22	SG4CMT08	Complementary-V111	Ayurvedic tradition of Kerala	5	4	80-20
Semester V	23	SG5CRT05	Core V	Vyakarana II	6	4	80-20
	24	SG5CRT06	Core VI	Samkhya & Yoga	5	4	80-20
	25	SG5CRT07	CoreVII	Drama	5	4	80-20
	26	SG5CRT08	CoreVIII	Samskirta Bhashayam Paryavarana	5	4	80-20
	27	SG5OPT01	Open Course	Vijnanam. 1.Kutiyattam A Study 2.Ascaryacudamani of Saktibhadra –Chp-1-111 3.Nitisataka of Bhartrhari selected Subhashitas	4	3	80--20
Semester VI	28	SG6CRT09	Core 1X	Smrti & Upanishad	5	4	80-20
	29	SG6CRT10	CoreX	Champuramayana- Balakanda	5	4	80-20
	30	SG6CRT11	Core X1	Poetics & Dramaturgy-	5	4	80-20
	31	SG6CRT12	Core X11	Vedanta	5	4	80-20
	32	SG6CBT01	Choice Based Core	1.Stotrakavyas of Sankaracharya	5	3	80-20
		SG6CBT02		2.Pancatantra of Vishnu sarma –selected stories			
	SG6CBT03	3.Contribution of Kerala to Sanskrit literature					
	SG6PRT01	Project	Pancamahakavyas		2	80-20	

CBCSS
BA PROGRAM COURSE SANSKRIT LANGUAGE AND LITERATURE
GENERAL

UG SYLLABUS 1st SEMESTER

Core I METHODOLOGY OF SANSKRIT GENERAL

Credit: 4

Contact hours: 90

Aim of the Course:

This course aims to impart knowledge about the importance of language study in general.

Objectives of the course

1. To impart general awareness on languages- Different language families and oriental languages.
2. To introduce students about the necessity of studying Sanskrit & its vivid Branches

Course Outline

Module I

Importance of language study-classification of languages-origin & development of languages-historical background of Sanskrit language.

Module II

Some important world languages & eastern languages An introduction to Vedic literature, Samhitas, Brahmanas, Aranyakas & Upanishads.

Module III

Introducing classical Sanskrit literature. The difference in the structure of prose & poetry-recitation of learned passage in prose & poetry-the relation between meter & emotion.

Module IV

Relevance of study of literature- appreciation – Sanskrit as a spoken language-as a written language value of the study of Sanskrit-disciplinary-cultural-literary- practical-linguistic.

Essential Reading

1. Prof. T.K. Ramachandra Iyer – A Short History Of Sanskrit Literature, pp 1-24
2. Prof. T.K. Ramachandra Iyer – A students handbook of comparative Philology, pp 18-20& 28
3. Prof. K. Ramavarma Raja- The teaching of Sanskrit, chapter 1 and 10

Additional Reading

1. A. B. Keith – A history of Sanskrit literature
2. Max Muller- A history of ancient Sanskrit literature

3. Kunnahan Raja C- Survey of Sanskrit literature
4. Dr. V Raghavan- Teaching of Sanskrit
5. A.K.Warder – Indian kavya literature 6. V.S.Apte- A guide to Sanskrit composition

CBCS
BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER- 1

Complementary 1- Functional Sanskrit

Credit: 3

Contact hours: 72

Aim of the Course:

The aim of the course is to learn Sanskrit for effective communication in life.

Objectives of the Course:

- 1 To familiarize the nouns and the common verbs for developing effective communication.
- 2 To familiarize the common and special usage of Sanskrit words.
- 3 To acquire practical knowledge of communication and effective writing through the study of certain subhashitas.

Course outline:

Module 1:

Familiarizing the usage of simple Sanskrit words introducing Vibhaktis and Vachanas

different forms of words in Sanskrit in different genders and formation of sentences,

detailed study of Nouns – राम, कवि, गुरु, पितृ, सीता, नदी, मातृ, वनम्, अस्मद्, युष्मद्, एवं
तत्

I and indeclinable यथा – तथा, यदि – तर्हि., यदा – तदा, सः, विना, अभितः, परितः एवं
उभयतः।

Module 2:

Familiarizing विशेषण and विशेष्य Verbs and their लकारः: detailed study of धातु – लट्,
लङ् लोट्, लृट्, पठ्, कृञ्, लभ्, , , , ।

Module 3:

Study of the elements of Karakas based on लघुसिद्धान्तकौमुदी।

Module 4:

A collection of 10 Subhashitas.

केयूराणि न भूषयन्ति पुरुषं हारा न चन्द्रा ज्वला
न स्नानं न विलेपनं न कुसुमं नालंकृता मुधजा ।
वाण्येका समलंकरोति पुरुषं या संस्कृत धार्यतं
क्षीयन्तं खलु भूषणानि सततं वाग्भूषणं भूषणम् ॥

विद्या नाम नरस्य रूपमधिकं प्रच्छन्नगुप्तं धनं
विद्या भोगकरी यश सुखकरी विद्या गुरुणां गुरुः ।
विद्या बन्धुजनो विदेश गमने विद्या परा देवता
विद्या राजसु पूज्यते न तु धनं विद्याविहीन पशुः ॥

येषां न विद्या न तपो न दानं
ज्ञानं न शीलं न गुणो न धर्मः ।
ते मर्त्यलोके भुवि भारभूता
मनुष्यरूपेण मृगाश्चरन्ति ॥

साहित्यसंगीतकलाविहीनः साक्षात्पशुः पुच्छविषाणहीनः ।
तृणं न रवादन्नपि जीवमानस्तद् भागधेयं परमं पशूनाम् ॥

प्राणाधाता निवृत्तिः परधनहरणं संयमः सप्तवाक्यं
काले शक्त्या प्रदानं युवतिजनकथामूकभावः परेषां ।
तृष्णास्रोतोविभङ्गो गुरुषू च विनयः सर्वभूतानुकम्पा

सामान्यः सर्वशास्त्रेष्वनुपहतविधिः श्रेयसामेषपन्थाः ॥

दाक्षिण्यं स्वजने दया परिजने शाठ्यं सदा दुर्जने

प्रीतिः साधुजन नयो नृपजने विद्वज्जने चार्जवम्।

शौर्यं शत्रुजने क्षमा गुरुजने कान्ताजने धृष्टता

ये चैवं पुरुषाः कलासु कुशलास्तेष्वेव लोकस्थितिः ॥

जाड्यं धियो हरति सिञ्चति वाचि सत्यं

मनोन्नतिं दिशति पापमपाकरोति ।

चेतः प्रसादयति दिक्षू तनोति कीर्तिं

सत्सङ्गतिः कथय किं न करोति पुंसाम् ॥

प्रारभ्यते न खलू विघ्नभयेन नीचैः

प्रारभ्य विघ्नविहता विरमन्ति मध्याः ।

विघ्नैः पुनः पुनरपि प्रतिहन्यमानाः

प्रारब्धमुत्तमजना न परित्यजन्ति ॥

क्षुत्क्षामोपि जराकृशोपि शिथिलप्राणोपि कष्टां दशा-

मापन्नोपि विपन्नदीधितिरिति प्राणेषु नश्यत्स्वपि ।

मत्तेभेन्द्रविभिन्नकुम्भपिशितग्रासैक बद्धस्पृहः

किं जीर्णं तृणमति मानमहतामग्रेसरः केसरी ॥

दानं भोगो नाशस्तिस्त्रो गतयो भवन्ति वित्तस्य ।

यो न ददाति न भुङ्क्ते तस्य तृतीया गतिर्भवति ॥

Essential Reading:

1. Sabdarupavali- R. S. Vadhyar& Sons, Kalpathy, Palakkad.
2. Dhaturupamanjari- R.S .Vadhyar& Sons, Kalpathy, Palakkad.
3. Laghusiddhantakaumudi – Varadaraja.
4. Abhyasadarsini- Samskritabharati, Bangalore.

Additional Reading

1. Kamadhenu – K. P. Narayanapisharoti.
2. Samskrthaswadyaya- Part- I, Rastriyasamskritasamsthan, New Delhi.
3. Balabodhanam- Sri. RajarshiRamavarma.
4. Laghusamskrtham- Dr. K .G. Paulose.
5. Samskrthavyakaranam- Srimannamputhiri.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER -1
Complementary II - Vedic Literature

Credit 3

Contact hours 72

Aim of the Course:

To familiarize the Vedas, Vedangas up to Aranyakas.

Objectives of the course:

- 1 To familiarize the students with different texts of ancient literature of India. especially Vedas, Vedangas, Upanishads and Smrtis.
- 2 To familiarize Vedic Hymns. Its subject matter and the methodology.
- 3 To acquaint the student with overall knowledge about Vedas upto Aranyakas.

Course Outline:

Module 1:

Early Vedic Period .General introduction to Vedic Literature, four Vedas, Samhitas,

Brahmanas and Aranyakas. Study of Vedic Hymns of Agni and Indra.

Module 2:

Study of general awareness to all Vedas – Rigveda, Yajurveda, Samaveda, and Atharvaveda.

Module 3:

Study of general awareness to Vedangas, Brahmanas and Aranyakas as part of Vedas.

Essential Reading:

- 1 History of Vedic Literature –S.N Sharma
- 2 The History of classical Literature – Prof. T. K Ramachandralyer

- 3 The Vedic reader for students – A.A MacDonnell; R. S Vadhyar and Sons Publications 1990

Additional Reading:

- 1 The Cultural Heritage of India -Vol – I, II & III.
- 2 The History of Indian Literature – Albert Weber.
- 3 A History of Vedic Literature – S. N. Sharma.
- 4 Indian Heritage – Dr. V. Raghavan.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE – GENERAL
SEMESTER- II

Core II- History of Sanskrit Literature

Credit: 3

Contact hours: 72

Aim of the Course:

The course aims to create awareness about the History of Sanskrit Literature.

Objectives of the Course:

- 1 To create awareness in Sanskrit Literature and tradition of India.
- 2 To give the students an overall understanding of the Literature in Sanskrit.

Course Outline:

Module 1:

General Introduction to Sanskrit Literature.

Module 2:

Detailed study of Vedic Literature.

Module 3:

Detailed study of Classical Literature.

Essential Reading:

1. History of Sanskrit Literature – Ramachandralykar.
2. Samskratasahityacaritram (Skt)-Lokamanidas.
3. Samskratasahityacaritram Mal-VadakkumkurRajarajavarma.

Additional Reading:

1. History of Sanskrit Literature- A.B. Keith.
2. History of Sanskrit Literature-Macdoall.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER -II
Complementary III- Linguistics

Credit: 3

Contact hours: 72

Aim of the Course:

The course is intended to acquaint the students with the concepts of Linguistics.

Objective of the Course:

To acquaint the students with the changes of meanings and words.

Course outline:

Module 1:

General introduction to linguistics - Aim and Objectives - Branches of Linguistics,
The Theories about the origin of Language.

Module 2:

Classification of Languages - morphological and genealogical, Dialects and
Cognate

Languages, the Indo - European family, General Characteristics, The major
members ,Satam and Centum groups, Home land of Europeans.

Module 3:

Phonology - the organs of speech, classification of speech sounds, vowels and
Consonants, classification of phonetic change, causes of phonetic change,
Phonetic laws, definitions, Law of Palatalization and Fortunatov's law.

Module 4:

Semantics - Classification of Semantic changes, specialisation, Generalisation
and Transference, Morphology - Gender number and cases.

Essential reading:

- 1 Comparative philology (page 1-99) by Prof. T.K Ramachandralyer
- 2 A Students handbook of Comparative Philology by Prof. T.K Ramachandralyer

Additional reading:

- 1 Course in general Linguistics - Saussure Ferdinand De.
- 2 An Introduction to Sanskrit Linguistics -Srimannarayanamurthy.
- 3 Language: Bloom field, Leonard.
- 4 An Introduction to Sanskrit Linguistics -Srimannarayana (ancient school)
- 5 Saussure: KhatanaVedathinteAcharyan - Dr. C Rajendran.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER-II

Complementary IV- Vrtta and Alankara

Credit: 3

Contact hours: 72

Aim of the Course:

The course aims to develop the student's knowledge about vrtta and alankara for an appreciation of literary work.

Objective of the Course:

1. To acquire a general awareness about the meteres, ganas and their peculiarities.
2. To familiarize the figures of speech and make the students competent to distinguish one alankara from other alankaras.
3. To enable the students to appreciate and compose poems.

Course outline:

Module 1:

General introduction to Vrtta and alankara.

Module 2:

Detailed study of 20 Vrttas.

Module 3:

Detailed study of 20 Alankaras.

Essential reading:

1. Laghuvrttaratnakara -LaugakshiBhaskara
2. Kuvalayananda - Appayyadikshita.

Additional reading:

Vrttaratnakara- Bhattakedara

Alankarasarvasvam- Ruyyaka

Kavyaprakasha -Mammata

Chandraloka - Jayadeva

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER-III
Core III: Informatics

Credit: 4

Contact hours: 90

Aim of the Course:

To impart a general awareness information Technology among students.

Objectives of the course:

To enrich the students with fundamental knowledge of information Technology as well as to familiarise students with general usage of computer software. It also imparts the techniques of programming.

Course outline:

Module 1:

Computer - The evolution of computers, classification of computers. Block diagram: Input, output devices, Description of computer input units. Other input methods and computer output units. Computer memory: Memory organisation, Read only memory, Physical devices used to construct memories. Magnetic Hard disk, Floppy disk Drives, Compact disk Read only memory, magnetic tape drives.

Module 2:

Low level and high level languages, assemblers, compilers, interpreters, linkers, algorithms, flow charting, decision tables, pseudo code, software concepts, system and application software packages. Computer Generation and classification: -First generation, the second generation, the third generation & the fourth generation of Computers. Distributed computer systems, Parallel computers.

Module 3:

Data types, Variables, Constants, Operators (including bitwise operations), Expressions, Assignment statements, Control statements, Arrays Functions, Basic concepts of Database management systems.

Module 4:

Software lab - Windows, working with DOS, folders and files.

M .S Word, M. S Excel, M. S Power point, Internet and E. mail.

Essential reading:

- 1 Fundamentals of Information Technology -Alex Leon and Mathew,
Alex Leon: Leon tech world, 1999.
- 2 Computer Fundamentals – P. K. Sinha and PritiSinha. BPB Publications,
1992.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER- III

Complementary V - Nyaya - Tarkasamgraha

Credit 4

Contact hours 90

Aim of the Course:

The course aims to create awareness about the logical theories and its application for engendering the knowledge about the heritage of Indian wisdom.

Objectives of the course:

1. To familiarize students with Sanskrit Sastra and to introduce the concept of Pramana.
2. To familiarize students with the basic concept of Sanskrit Nyaya Philosophy and its scope in every day to day life.
3. To enrich the concepts of theories of knowledge in Indian context with a view of developing skills for extensive reading for academic purpose.

Course outline:

- Module 1:** General introduction to the six Darsanas - make students aware of Sastraprayojana, Sapthapadartha definition etc.
- Module 2:** Generate knowledge about Pratyaksha and Anumana and its Varieties.
- Module 3:** Upamana - definition
- Module 4:** Study of Sabdapramanas

Essential reading:

Tarkasangraha of Annambhatta

Additional Reading:

- 1 Tarkasara - Ananthanarayanasastri.
Bharatiyasasatradarsanam – G. Viswanathasarma.
- 2 NyayaSudha - Panditasastri.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER-III

Complementary VI - Cultural Heritage of India

Credit: 4

Contact hours: 90

Aim of the Course:

The aim of the course is to make aware of the students about the cultural heritage of India.

Objectives of the Course:

1. To make the students aware of the main teachings of Bhagavad Gita.
2. To make familiar with Shad Darsanas generally.
3. To make a general awareness about the Bhakti movement in India.
4. To impart knowledge about the reputed educational institutions in ancient India.
5. To make aware of the Renaissance movement and the modern leaders of ancient India.

Course Outline:

Module 1:

The Bhagavad Gita - Karmayoga,

Njanayoga, Njanakarmasanyasayoga,

Bhaktiyoga, Gunatraya, Sraddhatraya and Moksha.

Module 2:

Shad Darsanas - Samkhya - Yoga - Nyaya - Vaisheshika - Purvamimamsa -

Uttaramimamsa .Buddism, Jainism and Charvaka.

Module 3:

Bhakti movement in north India - Ramanuja, Kabir, Thulasidas and Vallabha.

Module 4:

Bhakti movement in south India - Alwars, Narayanars- a general study. Ancient Indian

Institutions – Takshashila and Nalanda.

Module 5:

Renaissance movement in India - Aryasamaj, Brahmasamaj. Modern Leaders of

Ancient India - Sri Ramakrishna, Vivekananda, Aurobindo, Annie Basant, and Raja

Ram Mohan Rai.

Essential reading:

The Cultural Heritage of India -Volume I, II, III .

Additional Reading:

1. Indian Culture through ages by MohanlalVidyarthi
2. Indian Philosophy by Dr. S Radhakrishnan
3. Outlines of Indian Philosophy by Hiriyanna

CBCS
BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER- IV
Core IV- Vyakarana 1

Credit: 4

Contact hours: 90

Aim of the Course:

The course aims at developing the student's talent to learn Sanskrit Grammar.

Objectives of the Course:

1. To use Sanskrit Language freely without any doubt.
2. To have a deep study prescribed Vyakarana texts.
3. To make the students proficient in the use of Sanskrit Language.

Course Outline:

Module 1:

A general introduction to Vyakarana on the basis of the prescribed texts.

Module 2:

Detailed study of Samjna of the Laghusiddhantakaumudi.

Module 3:

Detailed study of "ach sandhi" of the Laghusiddhantakaumudi.

Module 4:

Detailed study of "halsandhi", "visargasandhi" of the Laghusiddhantakaumudi.

Essential reading:

Laghusiddhantakaumudi of Varadaraja

Additional reading: Laghusiddhantakaumudi of prof. R Vasudevan Potty.

CBCS
BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER-IV
Complementary VII - Lyrics

Credit: 4

Contact hours: 90

Aim of the Course:

Sanskrit has a rich tradition of lyric literature. The course is intended to provide a general awareness on them. The course also introduces eminent poets like Kalidasa and Sankaracharya.

Objectives of the Course:

1. To create awareness in reciting poems in a charming way.
2. To create awareness in Sanskrit literature and poetic tradition of India
3. Introducing poetic style with special reference to SandesaKavyas and Stotrakavyas.
4. To create general awareness about Sanskrit poets of Kerala.

Course Outline:

Module 1:

Introducing Major Sandesakavyas and Stotrakavyas in Sanskrit Literature. (A brief Survey is intended)

Module 2:

Intensive study of Meghaduta (Purvamegha- slokas 1-20)

Module 3:

Intensive study of Meghaduta (Purvamegha- slokas 20-61)

Module 4:

Intensive study of Bhajagovinda of Sankaracharya.

Essential Reading:

1. Meghduta of Kalidasa
2. Bhajagovinda of Sankaracharya

Additional Reading:

1. History of classical Sanskrit literature, M Krishnamacharya
2. KeraleeyaSamskritaSahityacharitam of VadakkumkurRajarajavarma

CBCS
BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER IV

Complementary VIII – Ayurvedic Tradition of Kerala

Credit: 4

Contact hours: 90

Aim of the Course:

To create a general awareness about Ayurvedic Tradition Especially of Kerala and Ayurvedic hygiene.

Objectives of the course:

1. To familiarize the history of Ayurveda in general.
2. To convey knowledge about the Kerala Ayurvedic tradition.
3. To make aware of different methods of treatment.
4. To give a basic understanding of Ayurvedic hygiene.

Course outline:

Module 1:

The history of Ayurveda – the origin of the word 'Ayurveda', Traces of Ayurveda in Vedas, basic texts and their authors, Samhitas - Charakasamhita, Susruthasamhita, Ashtangasamgraha, Ashtangahrdaya. Other texts -Navaneethakam, Madhavanadanam, Chikitsasamgraham, Dravyagunasamgraham, Sargadharasamhita, Rasaratnasamuccayam, Bhavaprakasham and Bhaishajyaratnavali. Some important Rishis - Agastya, Chyavana and Dhanvanthari.

Module 2:

Ayurvedic tradition of Kerala - Some important books of Kerala authors, Ashtavaidyas, famous other vaidyas - P S Warriar, P.K Warriar, VaidyaratnamK.RagavanThirumulpadu. Famous Ayurvedic institutions and colleges. Treatments - Vishavaidyam, Balachikitsa, Netravhikitsa, Kalarichikitsa, Vasoorichikitsa and Gajachikitsa.

Module 3: Main principles in Ayurveda - TridoshaSiddhanta and PanchabhutaSiddhanta - and some important methods of treatment - Astangachikitsa, Kayachikitsa and Salyachikitsa; Panchakarmachikitsa.

Module 4:

Introducing Ashtangahrdaya - Dinacharya from Sutrastanam.

Essential Reading:

1. Ayurvedacharithram, N V KrishnankuttyWarrier, Part I
2. Ayurvedadarsanam, Vaidyabhushanam K. RaghavanThirumulpadu
3. Ashtangahrdayam, Sutrasthanam, Vagbhata.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER- V
Core V- Vyakarana II

Credit: 4

Contact hours: 108

Aim of the Course:

The course aims at developing the student's talent to learn Sanskrit Grammar.

Objectives of the Course:

1. To use Sanskrit Language freely without any doubt.
2. To have a deep study prescribed Vyakarana texts.
3. To make the students proficient in the use of Sanskrit Language.

Course Outline:

Module 1:

A general introduction to Vyakarana on the basis of the prescribed texts.

Module 2:

Detailed study of Samasaprakarana of Laghusiddhantakaumudi.

Module 3:

Detailed study of BhuDhatu of Laghusiddhantakaumudi.

Essential reading:

Laghusiddhantakaumudi of Varadaraja

Additional reading:

Laghusiddhantakaumudi of prof. R VasudevanPotti.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER-V
Core VI -Samkhya and Yoga

Credit: 4

Contact hours: 90

Aim of the Course:

This course aims at overall development of man in his approach towards the social cultural,

Physical as well as spiritual realms of life. The practical version of yoga is much beneficial to

Attain restraint over the mind body and senses.

Objectives of the Course:

1. To make the students aware of the true structure of Samkhya and Yoga philosophy.
2. To teach the students about the discrimination between the propagated and the actual concepts of Samkhya & Yoga Philosophy.

Course Outline:

Module 1:

Samkhyakarika of Isvarakrishna (karika- 1-20)

Module 2:

Samkhyakarika of Isvarakrishna (karika- 21-40)

Module 3:

Yogasutra of Patanjali – Samadhipada-karika- 1-30

Module 4:

Yogasutra of Patanjali – Samadhipada- karika- 31-61

Essential Reading:

1. Samkhyakarika of Isvarakrishna.
2. Yogasutra of Patanjali

Additional Reading:

1. Patanjalyogadarsanam Published by ChwkambhaAmruthabharathyPrakashan, Varanasi.
2. Yogic exercises for the fit and the ailing by S. Muzumdar Published by orient Longmans Ltd.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER - V
CORE VII - DRAMA
Malavikagnimitra

Credit: 4

Contact hours: 90

Aim of course:

To enable the students to critically analyse and appreciate the works of Kalidasa.

Objectives of the course:

1. To create awareness to the students about the Sanskrit Dramas.
2. To make them aware of the works and dramatic skill of Kalidasa.

Course outline:

Module 1:

Origin and developments of Sanskrit Dramas.

Module 2:

Kalidasa and his Works.

Module 3:

Detailed Study of act I - III of Malavikagnimitra

Module 4:

Detailed Study of act IV & V of Malavikagnimitra

Essential reading:

1. Malvikagnimitram - Kalidasa

Additional Reading:

1. Complete works of Kalidasa
2. Natyasastra of Bharatamuni.
3. Malvikagnimitra - M R Kale

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER -V

CORE VIII- SAMSKRTABHASHAYAM PARYAVARANAVIJANAM

Credit: 4

Contact hours: 72

Aim of the Course:

This course aims to impart environmental aspects in Sanskrit.

Objective of the course

1. To make students aware of nature.
2. To familiarize students with works in Sanskrit depicted environmental features.

Course Outline

Module I

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance **(2 hrs)**

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

a) **Forest resources:** Use and over-exploitation, deforestation, case studies.

Timber extraction, mining, dams and their effects on forest and tribal people.

b) **Water resources:** Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.

c) **Mineral resources:** Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

d) **Food resources:** World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

e) **Energy resources:** Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.

f) **Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification

- Role of individual in conservation of natural resources.
- Equitable use of resources for sustainable life styles.

(10 hrs)

Unit 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the given ecosystem: - Forest ecosystem. (6 hrs)

Module II

Unit 1: Biodiversity and its conservation

- Introduction
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- India as a mega-diversity nation
- Hot-spots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered and endemic species of India

(8 hrs)

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- a. Air pollution
 - b. Water pollution
 - c. Soil pollution
 - d. Marine pollution
 - e. Noise pollution
 - f. Thermal pollution
 - g. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
 - Role of an individual in prevention of pollution

- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides. (8 hrs)

Unit 3: Social Issues and the Environment

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people: its problems and concerns, Case studies
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion , nuclear accidents and holocaust, Case studies
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness (10 hrs)

Module III –Environmental awareness through Sanskrit Literature-

Vrkshayurveda....Verses 1 to 31 (10 hrs)

Module IV- Ecological awareness in the work of Kalidasa- Raghuvamsa II

Canto, Verses 1 to 40. (10 hrs)

Module – V

Unit 1- Human Rights– An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations – contributions, main human rights related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights - Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthuriengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc. **(8 Hrs)**

Internal: Field study

- Visit to a local area to document environmental grassland/hill /mountain
- Visit a local polluted site – Urban/Rural/Industrial/Agricultural
Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

REFERENCES

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2. Clark.R.S., Marine Pollution, Clarendon Press Oxford (Ref)
3. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)
4. Dc A.K.Environmental Chemistry, Wiley Eastern Ltd.(Ref)
5. Down to Earth, Centre for Science and Environment (Ref)
6. Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
7. Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
8. Mekinney, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
9. Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
- 10.Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
- 11.Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
- 12.Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
- 13.Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
- 14.Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell

Science (Ref)

15. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (Ref)
16. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
17. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)
18. (M) Magazine (R) Reference (TB) Textbook

Human Rights

1. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
2. Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy (Shimla: Indian Institute of Advanced Studies, 1998)
3. Law Relating to Human Rights, Asia Law House, 2001.
4. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
5. S.K.Khanna, Children and the Human Rights, Common Wealth Publishers, 1998. 2011.
6. Sudhir Kapoor, Human Rights in 21st Century, Mangal Deep Publications, Jaipur, 2001.
7. United Nations Development Programme, Human Development Report 2004: Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press, 2004.
8. Brhadsamhita of Varahamihira –Vrkshayurveda Chpt-55
9. Raghuvamsa of Kalidasa II Canto, Verses 1 to 40.

CBCS
BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER-V

Open Course 01 -KUTIYATTAM - A Study

Credit 3

Contact hours 72

Aim of the Course

To Acquaint with the basic Knowledge in the Kerala Sanskrit theatre and Natyasastra.

Objectives of the course

1. To make awareness in the basic concept of Kerala Sanskrit Theatre.
2. To Familiarize with the Rasa and Bhava in the Natyasastra.
3. To introduce Techniques of kutiyattam.

Course outline

Module 1

General Introduction of Natyasastra.

Detailed Study of Natyasastra I & VI.

Module 2:

General Introduction to Kutiyattam.

Module 3:

Detailed Study of Kutiyattam.

Essential reading:

1. KuthumKudiyattavum- AmmamanThampuran
2. Natyakalpadrumam- ManiMadhavachakyar.
3. Nangyarkuttu - Nirmalapaniker
4. Natyasastra of Bharata muni.

Additional Reading

1. Mantranikam- P.K. Narayanan Nambyar.
2. Abhinethri- Ushanangyar.
3. Atayalathintevazhikal - Margi madhu.
4. Kuthambalangalil - Prof. K. P Narayanapisharady

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BA Programme

Sanskrit Language and Literature (General)

SEMESTER-V

Open Course02.Ascaryacudamani of Saktibhadra –Chp-1-111

Credit-3

Contact hours-90

Aim of the Course

To introduce the Sanskrit dramas.

Objective of the course

To make the awareness of Sanskrit Dramas in K Kerala

Course Outline

Module 1

General Study to Sanskrit dramatists in Kerala and their Sanskrit Dramas.

Module 2

Detailed study of Ascaryacudamani Chp -1

Module 3

Detailed study of Ascaryacudamani Chp-11

Module 4

Detailed study of Ascaryacudamani Chp - 111

Essential reading

Ascaryacudamani of Saktibhadra

Additional Reading

Malyalam translation of Ascarya Cudamani of Kunjukkuttan thampuran

3. Nitisataka of Bhartrhari- selected Subhashitas

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BA Programme
Sanskrit Language and Literature (General)
SEMESTER-V
OpenCourse03.NITISATAKA

Credit-3

Contact hours-90

Aim of the Course

To introduce the Bhartharis contribution to Sanskrit Literature.

Objective of the course

To enable students to understand and appreciate Subhashitas in Sanskrit.

Course Outline

Module 1

General introduction to Subhashitas in Sanskrit and Detaied study -1- 15
Subhashitas.of Nitisataka.

Module 2

Detaied study -16-30 Subhashitas.of Nitisataka.

Module 3

Detaied study -31-45 Subhashitas.of Nitisataka.

Module 4

Detaied study - 46-60 Subhashitas.of Nitisataka.

Essential reading

Nitisataka of Bhartrhari

Additional Reading

Translations of Satakatraya

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BA ME COURSE SANSKRIT
LANGUAGE AND LITERATURE - GENERAL
SEMESTER- VI

Core IX- Smrti and Upanishad

Credit 4

Contact hours 90

Aim of the Course

To impart general awareness about the ancient period especially of Vedas, Upanishads and Smrtis.

Objectives of the course

1. To familiarize students with different texts of ancient literature of India.
2. To provide Knowledge about certain aspects of Indian Philosophy, through the study of an Upanishad.
3. To make aware of Ancient Literature on Dharma and its modern relevance through the study of a text on Smriti.

Course outline

Module 1

A general introduction to Smrtis and Upanishads.

Module 2:

Textual Study of ChandogyopanishadChp-VI.

Module 3:

Textual study of Manusmrti- Chp - VIII – (I-93 Karikas)

Essential reading:

1. Manusmriti-
2. Chandogyopanishad -

Additional Reading:

1. Upanishadsarvasvam (Mal) - D. SrimanNamputiri, Samrt Publications, Trissur.
2. Manusmriti with Malayalam Commentary and Translation, Siddhinathananda swami, SreeRamakrishnamadam, Trissur.

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BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER- VI
Core X-CHAMPURAMAYANAM

Credit 4

Contact hours 90

Aim of the Course

To familiarise the students with the Champu Literature in Sanskrit.

Objectives of the course

1. To make aware about Champu Literature in Sanskrit
2. To give ability to appreciate Champus
3. To give an idea about how the social condition reflected in Literature.

Course Outline

Module 1

A general introduction about Champukavyas in Sanskrit.

Module 2:

Champuramayanam- Balakandam (slokas 1-40)

Module 3:

Champuramayanam- Balakandam (slokas 41-80)

Module 4:

Champuramayanam- Balakandam (slokas81-119)

Essential reading:

Champuramayanam

Additional reading:

1. A History of Sanskrit Literature – T. K .Ramachandralyer
2. Samskrithasahityacharithram -Vol1 & II- Kerala Sahitya Academy Thrissur.

BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER-VI

Core XI -Poetics and Dramaturgy

Credit: 4

Contact hours: 90

Aim of the Course

Alankarasastra in Sanskrit is a vast subject having several schools and sub schools the course is intended to give a general awareness of Poetics and Dramaturgy along with the preliminaries (basic theories) of Kavya in general. The course is designed to motivate the students to learn more about what actually Kavya and Rasa .And to improve their talents and creativity.

Objectives of the course

1. To introduce the basic concepts of literary theories in Sanskrit through general study of certain texts.
2. To familiarise the divisions of Kavya.
3. To introduce the rasa theory with reference to Natyasastra.

Course outline

Module 1

Introduction to Kavyaprakasa and Natyasastra.

Module 2

Detailed study of Kavyaprakasa - Chp- I & II.

Module 3

Detailed study of Natyasastra– Chp- VI.

Essential Reading:

1. Kavyaprakasha of Mammata.
2. Natyasastra of Bharata .

Additional reading:

1. Sahityadarpana of Viswanatha – CowkhambhaPulication, Varanasi.
2. Natysastram - (Mal) Prof.K.P.Narayanapisharoti,
KeralasahityaAcadamy, Trissur.

BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE – GENERAL
SEMESTER -VI
Core XII - Vedanta

Credit: 4

Contact hours: 90

Aim of the Course

To familiarise the students with the text under Asthikadarsanas in Sanskrit.

To improve the ability for comprehending a text prose.

Objectives of the Course

1. To give the students an overall understanding about Vedanta.
2. To familiarise students with the text form of one of the AsthikaDarsanas

Course outline

Module 1

Introduction of Vedanta and detailed study of Anubhandhachatushtayam, Adhikarivarnanam, Karmasvarupas, Karmaphalani, Sadhanachatushtayam, Adhyaropam and the two divisions of ajnjana.

Module 2

The concepts of Sakthidvayam, Nimitta-UpadanaKaranas of Prapancha, Srshtikrama, Lingasariram, Sukshmaprapancanirupanam and Pacikaranam.

Module 3

Detailed study of Apavada, An analysis of "Tat" and "Tvam" Padas, Jahallakshanairupanam, AjahallakshanaNirupanam and Anubhavavakyartha.

Module 4

Detailed study of Sravanadeenam Nirupanam,
Vighnacatushtayanirupanam and
Jivanmuktalakshanam.

Essential reading:

1. Vedantasara of Sadanantha.

BA PROGRAMME COURSE
SANSKRIT LANGUAGE AND LITERATURE- GENERAL
SEMESTER -VI

Choice based Core 1- XIII -Stotrakavyas of Sankaracharya

Credit 3

Contact hours 72

Aim of the Course

To make the students familiar with the Lyrics in Sanskrit.

Objectives of the course

1. To give an awareness of the Stotrakavyas in Sanskrit.
2. To enable the students to enjoy and appreciate the beauty and charm of Stotrakavyas.

Course outline

Module 1

Introduction to Stotrakavyas in Sanskrit and works of Sankaracharya.

Module 2

Detailed study of Kanakadharastotram.

Module 3

Detailed study of Bhajagovindam.

Essential Reading:

1. Kanakadharastotram of Sankaracharya.
2. Bhajagovindam of Sankaracharya.

Additional Reading:

1. Works of Sankaracharya-Edited by SreeSankaracharya University of Sanskrit, Kalady.
2. Keralasamskrithavijnjanakosam, Dr.Poovattur N Ramakrishna Pillai
3. Samskrithasahityacharithram, Kerala sahitya Academy.

CBCS BA Programme
Sanskrit Language and Literature (General)
SEMESTER-VI
Choice based Core 2 PANCHATHANTRA

Credit-3

Contact hours-90

Aim of the Course

To introduce Prose literature in Sanskrit.

Objective of the course

To make the awareness on Ancient Indian Politics

Course Outline

Module 1

General Introduction to Pancatantra.

Module 2

Detailed study of first two stories of Pancatantra.

Module 3

Detailed study of III& IV stories of Pancatantra.

Module 4

Detailed study of V of Pancatantra.

Essential reading

Pancatantra of ViShnuSarma

Additional Reading

Malayalam translation of Sumangala

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Sanskrit Language and Literature General

SEMESTER-VI

Choice based core3. Contribution of Kerala to Sanskrit literature

Credit-3

Contact hours-90

Aim of the Course

To introduce the contribution of Kerala to Sanskrit Literature.

Objective of the course

To make the awareness of Historical Mahakavyas in Sanskrit and different ways of Sanskrit Literature.

Course Outline

Module 1

General introduction of Keralodaya of K. N. Ezhuthacchan and Detailed study of Keralodaya-Chp-1

Module 2

Detailed study of Cristubhagavata – Chp-1 -1-45 Slokas of P. C. Devasya

Module 3

Detailed study of Vivekacudamani Chp-1. of Sankaracharya.

Module 4

Detailed study of Savithri of Ananthanarayananasastri and Narayaniya Dasaka-100

Essential reading

1. Keralodaya of K. N. Ezhuthacchan
2. Cristubhagavata of P. C. Devasya
3. Vivekacudamani of Sankaracharya

4. Savithri of Ananthanarayananasastrri
5. Narayaniya of Melputhur Narayanabhattachari.

Additional Reading

1. Contribution of Kerala to Sanskrit Literature Dr K Kunchunni Raja
2. Kerala sahitya caritram, Ullur S ParamesvaraAyyar

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SANSKRIT LANGUAGE AND LITERATURE - GENERAL
SEMESTER- VI

Project- Panchamahakavyas

Credit 2

Contact hours

Aim of the Course

To familiarize the students with the Sanskrit Literature.

Objective of the Course

1. To make familiarize them the general awareness of Sanskrit Poets and Kavyas.
2. To give an overall understanding Mahakavyas.

Course outline:

Module 1:

Definition of Kavya and Mahakavya.

Module 2:

Detailed study of Raghuvamsa and Kumarasambhava of Kalidasa.

Module 3:

Detailed study of Naishadhiyacharita of Sriharsha, Sisupalavadha of Magha and Kiratarjuniya of Bharavi.

Essential reading

1. Raghuvamsa of Kalidasa.
2. Kumarasambhava of Kalidasa.
3. Naishadhiyacharita of Sriharsha.
4. Malatimadhava of Magha.
5. Kiratharjuniya of Bharavi.

Additional reading:

- 1 History of Sanskrit literature - A.B. Keith
2. Samskratasahityacharitram (Mal) - VadakkukmkurRajarajavarma

**MAHATHMA GANDHI UNIVERSITY
KOTTAYAM**

**REGULATIONS FOR UNDER
GRADUATE PROGRAMMES
Choice Based Credit System
[UGCBCS2017]**

SANSKRIT SAHITYA

**FOR
UNDER GRADUATE
PROGRAMME**

2017

INTRODUCTION TO THE REVISED SCHEME AND SYLLABUS-
SANSKRIT (SPECIAL) SAHITYA- 2017 – FOR
UNDERGRADUATE STUDIES

The syllabus of the undergraduate course Sanskrit (special) Sahitya has been restructured based on the recommendation and suggestions from UGC and Mahatma Gandhi University.

The need of incorporating *Environmental Studies* as a compulsory core module paper was conveyed considering that the conservation of nature is a need of time. And considering the fact that the ancient Vedic wisdom through various literary works has profoundly articulated the values and definite methods of environment conservation, core paper VIII in fifth semester has been formulated incorporating important Sanskrit literature which has an environmental perspective and also incorporating current problems facing in the area and possible solutions.

The syllabus is so formulated that from first semester to fourth semester there will be one core paper and two complimentary papers in each semester. One complimentary paper in every semester will be taken by the mother department (2nd, 4th and 6th) and remaining three complementary papers (1st, 3rd and 5th) will be taken by other departments. In fifth semester there will be four core papers and one open paper. And in the last i.e. sixth semester there will be four core papers and one choice based core in which three choices are provided. In the last two semesters combined, there will be a project and its evaluation and viva will be conducted in sixth semester.

The details of courses including course title, instructional hours, credits, and marks, semester wise are also provided in detail.

**BA Programme
Sanskrit (Special) Sahitya**

Semester	Sl. No.	Course Code	Course	Topic	Instructional Hours	Credits	External-Internal
Semester I	1	EN1CC01	Common English I		5	4	80-20
	2	EN1CC02	Common English II		4	3	80-20
	3	SK1CCT01	Common Adl. Language I		4	4	80-20
	4	SS1 CRT01	Core 1	Methodology of Sanskrit Sahitya	4	3	80-20
	5	SS1CMT01	Complementary I	Basics of Sanskrit Vyakarana	4	3	80-20
	6	SS1CMT02	Complementary II	Prose and Poetry	4	3	80-20
Semester II	7	EN2CC03	Common English III		5	4	80-20
	8	EN2CC04	Common English IV Common		4	3	80-20
	9	SK2CCT02	Adl. Language II		4	4	80-20
	10	SS2CRT02	Core II	Study on Bhasa Play	4	3	80-20
	11	SS2CMT03	Complementary III	Jyotissastra Pravesah	4	3	80-20
	12	SS2CMT04	Complementary IV	History of Sanskrit Literature I	4	3	80-20

Semester III	13	EN3CC05	Common English V		5	4	80-20
	14	SK3CCT03	Common Adl.Language III		5	4	80-20
	15	SS3CRT03	Core III	Sanskrit and informatics	5	4	80-20
	16	SS3CMT05	Complementary V	Nyaya-Basic principles of Nyaya Vaisesika Philosophy	5	4	80-20
	17	SS3CMT06	Complementary VI	History of Sanskrit Literature II	5	4	80-20
Semester IV	18	EN4CC06	Common English VI		5	4	80-20
	19	SK4CCT04	Common Adl.Language IV		5	4	80-20
	20	SS4CRT04	Core IV	Manuscriptology	5	4	80-20
	21	SS4CMT07	Complementary-VII	Complementary Vedanta- Basic principles of VedantaPhilosophy	5	4	80-20
	22	SS4CMT08	Complementary -VIII	Vritta and Alankara	5	4	80-20

Semester V	23	SS5CRT05	Core V	Linguistics	5	4	80-20
	24	SS5CRT06	Core VI	History of Sanskrit Poetics	5	4	80-20
	25	SS5CRT07	CoreVII	Essentials of Sanskrit Grammar	6	4	80-20
	26	SS5CRT08	CoreVIII	Environmental Studies- Sanskrit literary perspective	5	4	80-20
	27	SS5OPT01	Open Course	Kerala Sanskrit Theatre	4	3	80-20
Semester VI	28	SS6CRT09	Core 1X	Mahakavya & Khandakavya	5	4	80-20
	29	SS6CRT10	Core X	Dramaturgy	5	4	80-20
	30	SS6CRT11	Core X1	Poetics I	5	4	80-20
	31	SS6CRT 12	Core X11	Poetics II	5	4	80-20
	32	SS6CBT01 SS6CBT02 SS6CBT03	Choice Based Core	1.Nataka and Champu 2- Study of a Gadyakavya 3- Veda Dharma Sasthra and Ithihasa	5	3	80-20
		SS6PRT01	Project	Topics can be selected by the concerned Department		2	

SYLLABUS
I SEMESTER B.A. PROGRAMME
SANSKRIT (SPECIAL) SAHITYA

Core I
METHODOLOGY OF SANSKRIT SAHITYA

Answers should be written in Sanskrit using Devanagari Script.
Translation may be written as per direction in respective language/Script.

Credits: **03**

Total no. of contact hours: **72**

Aim of the Course:

The aim of this course is to familiarize the students the basics of Sanskrit in general through elementary grammar, simple Sanskrit prose passages Subhasitas and Poems.

Objectives of the course:

- To give the student a basic understanding of Sanskrit language and literature.
- To enable the student to comprehend simple prose and verses.
- To enable the student to acquire the four language skills, viz., listening, reading, speaking and writing in simple Sanskrit.
- To enable the student to acquire the skill to translate Sanskrit to English, English to Sanskrit to Malayalam and Malayalam to Sanskrit

ModuleI

शब्दानां सामान्यपरिचयः-नामशब्दाः- अजन्त पुल्लिङ्ग स्त्रीलिङ्ग नपुंसकलिङ्गाः- बाल कवि मति गुरु पितृ सीता नदी धेनु मातृ वन वारि विश्वपाशब्दाः । तच्छब्दस्य यच्छब्दस्य किंशब्दस्य च त्रिषु लिङ्गेषु रूपाणि । राजन्, मनस्, अस्मद्, युष्मद् शब्दाः ॥

ModuleII

धातुशब्दाः- भूधातोः वन्द् धातोः च दशलकारेषु रूपाणि । कृधातोः लटि लङि लोटि लृटि च रूपाणि ।

ModuleIII

Usages inकर्तरि कर्मणिandभावे ।Sentence Construction in Sanskrit - Translation–the following simple passages from

- a) Sanskrit to English, English to Sanskrit
- b) Sanskrit to Malayalam, Malayalam to Sanskrit (The questions ought to be made from the given paragraph only)

1. Translate into English

काकस्य उपायः

कस्मिंश्चिद् वने कश्चन महावृक्षः आसीत् । तत्र कश्चन काकः पत्न्या सह अवसत् । तस्य एव वृक्षस्य कोटरे कश्चन कृष्णसर्पः अपि उवास । यदा काकी प्रसूता भवति तदा कृष्णसर्पः तस्याः शाबकान् खादति स्म । एतेन काकः काकी च महत् दुःखमनुबभूव ।

अतः एकदा काकः स्वमित्रस्य शृगालस्य समीपं गत्वा अवदत् - ' भो मित्र ! मम शत्रुः कृष्णसर्पः कथमपि मारणीयः । भवान् क्वमपि उपायं सूचयतु ' इति । शृगालः एकम् उपायं सूचितवान् । तत् श्रुत्वा काकः बहु सन्तुष्टः अभवत् ।

तदनन्तरं काकः उड्डयनं कुर्वन् नगरं जगाम । तत्र राजगृहस्य सरोवरे अन्तःपुरस्त्रियः जलक्रीडायां मग्नाः अभवन् । तासां वस्त्राणि आभरणानि च सरोवरस्य सोपानेषु स्थापितानि आसन् । काकः तत्र गत्वा एकं सुवर्णहारं स्वीकृत्य अरण्याभिमुखं प्रस्थितवान् । तद् दृष्ट्वा राजभटाः काकमन्वगच्छन् ।

काकः अरण्यमागत्य महावृक्षस्य कोटरे तं पातयित्वा स्वयं दूरम् अगमत् । राजभटाः तत्रागत्य कोटरे हारमपश्यन् । तदा तत्र स्थितः कृष्णसर्पः बहिराजगाम । राजभटाः दण्डप्रहरणेन तं हत्वा हारं च अनयत् । तदनन्तरं काकः पत्न्या सह सुखेन जीवितं निनाय ।

2. Translate into Sanskrit

The Lion and the Mouse

Once when a Lion was asleep, a little Mouse began running up and down upon him. This soon wakened the Lion, who placed his huge paw upon him and opened his big jaws to swallow him.. "Pardon O King!" cried the little Mouse, 'Forgive me this time. I shall never repeat it and I shall never forget your kindness. And who knows, but I may be able to do you a good turn one of these days? The Lion was so tickled at the idea of the Mouse being able to help him that he lifted up his paw and let him go. Sometime later a few hunters captured the king and tied him to a tree while they went in search of a wagon to carry him on. Just then the little Mouse happened to pass by, and seeing the sad plight, in which the Lion was, ran up to him and soon gnawed away the ropes that bound the King of the Beasts. "Was I not right?" said the little Mouse, very happy to help the Lion. MORAL: Little friends may prove great friends.

3. Translate into Malayalam

देवशर्मपितृकथा

कस्मिंश्चिद् नगरे कश्चन दरिद्रः ब्राह्मणः अवसत् । सः भिक्षाटनेन जीवनम् अकरोत् । कदाचिद् सः पिष्टेन पूर्णं कुंभं लेभे । तं घटं नागलंबे अवलंब्य तस्य अधः उपविश्य सः एकदृष्ट्या घटमेव अपश्यत् ।

एकदा रात्रौ सः अचिन्तयत् -यदि देशे दुर्भिक्षः भवेद् तर्हि एतस्य शतरूप्यकाणां मूल्यं भवेत् । तदा अहं एतद् विक्रीय तेन धनेन अजद्वयं क्रेष्यामि । कालान्तरे तेन अजसमूहः एव भविष्यति । अनन्तरं अजसमूहं विक्रीय धेनूः क्रेष्यामि । अनन्तरं ताः विक्रीय महिषीः ताः विक्रीय अश्वान् च क्रेष्यामि । तान् अपि विक्रीय यतेष्टं धनं सम्पादयिष्यामि

। बृहद् गृहं निर्मापयिष्यामि । तदा कश्चिद् ब्राह्मणः आगत्य रूपवतीं स्वकन्यां मह्यं दास्यति । अनन्तरं मम पुत्रः जनिष्यते । देवशर्मा इति तस्य नामकरणं करिष्यामि । यदा सः जानुभ्यां चलितुं समर्थः भविष्यति तदा अश्वशालायां पुस्तकं पठिष्यामि । तदा देवशर्मा जानुभ्यां चलन् मम समीपम् आगन्तुम् उद्युक्तः भविष्यति । तदा तं बालं ग्रहीतुं मातरम् आज्ञापयिष्यामि । यदा सा मम वचनं न श्रोष्यति, तदा अहं कोपेन पादप्रहारेण तां दण्डयिष्यामि । एवं चिन्तयन् सः पादप्रहारम् अकरोद् एव । पिष्टेन पूर्णः घटः भग्नः पतितः च । अतः उक्तम् 'अनागतवतीं असंभाव्यां च चिन्तां मा कुरु इति ॥

4. Translate into Sanskrit

വിശ്വീയായസഹായി

ഒരിക്കൽ ഒരു രാജ്യത്ത് ഒരു മഹാരാജാവ് ഉണ്ടായിരുന്നു. അദ്ദേഹത്തിന്റെ കൊട്ടാരത്തിൽ ഹരിദത്തൻ എന്ന ഒരു കരങ്ങൻ താമസിച്ചിരുന്നു. ഹരിദത്തൻ മഹാരാജാവിന്റെ വളരെ വിശ്വസ്തനായ അനുചരനും ആയിരുന്നു. അതുകൊണ്ട് തന്നെ രാജകൊട്ടാരത്തിൽ എല്ലായിടത്തും പ്രവേശിക്കുവാൻ അവനു അനുവാദം ഉണ്ടായിരുന്നു.

ഒരിക്കൽ മഹാരാജാവ് അന്തഃപുരത്തിൽ ഉറങ്ങിക്കൊണ്ടിരിക്കുമ്പോൾ ഹരിദത്തൻ അവിടേക്കു വന്നു. അവൻ ഉറങ്ങിക്കൊണ്ടിരിക്കുന്ന രാജാവിന്റെ അടുത്തു ചെന്ന് വിശരിക്കുകയും വീശുകയും ചെയ്തു. അപ്പോഴാണ് മഹാരാജാവിന്റെ നെഞ്ചത്ത് ഒരു ഇഴച്ച വന്നിരുന്നത്. ഹരിദത്തൻ വിശരിക്കുകയും ആ ഇഴച്ചയെ ഓടിക്കുവാൻ പലതവണ ശ്രമിച്ചു നോക്കി. എന്നിട്ടൊന്നും ആ ഇഴച്ച ദൂരെ പോയില്ല. അപ്പോൾ ജന്മനാ ചപലനും വിശ്വീയായമായ ഹരിദത്തൻ ക്രുദ്ധനായി മുർച്ചയേറിയ വാളെടുത്ത് ഇഴച്ചയെ വെട്ടി. ഇഴച്ചയാവട്ടെ പറന്നു പോയി. ഖഡ്ഗ പ്രഹാരത്താൽ മഹാരാജാവിന്റെ മാറിടം പിളർന്ന് പോവുകയും അദ്ദേഹം മരിക്കുകയും ചെയ്തു.

Module IV

Study of the following 10 Subhashitas with Anvaya and Artha

सुभाषितानि

- 1 कृष्णो रक्षतु मां चराचरगुरुः कृष्णं नमस्ये सदा
कृष्णेनैव सुरक्षितोऽहमसकृत्कृष्णाय तुभ्यं नमः ।
कृष्णादेव समुत्थितं जगदिदं कृष्णस्य दासोऽस्म्यहं
कृष्णे भक्तिरचञ्चस्तु भगवन् हे कृष्ण तुभ्यं नमः ॥
- 2 इदमन्धंतमः कृत्स्नं जायेत भुवनत्रयम् ।
यदि शब्दाह्वयं ज्योतिरासंसारं न दीप्यते ॥
- 3 अयं निजः परो वेति रणना लघुचेतसाम् ।
उदारचरितानां तु वसुधैव कुटुंबकम् ॥
- 4 मूढ जहीहि धनागमतृष्णां
कुरु सद्बुद्धिं मनसि वितृष्णाम् ।
यल्लभसे निजकर्मोपात्तं
वित्तं तेन विनोदय चित्तम् ॥
- 5 उद्यमेन हि सिद्ध्यन्ति कार्याणि न मनोरथैः ।
नहि सुप्तस्य सिंहस्य प्रविशन्ति मुखे मृगाः ॥
6 उपकारोऽपि नीचानामपकाराय वर्तते ।
पयःपानं भुजङ्गानां केवलं विषवर्धनम् ॥
7 श्रूयतां धर्मसर्वस्वं श्रुत्वा चापि विचार्यताम् ।
आत्मनः प्रतिकूलानि परेषां न समाचरेत् ॥
8 परोपकाराय फलन्ति वृक्षाः परोपकाराय वहन्ति नद्यः ।

परोपकाराय दुहन्ति गावः परोपकारार्थमिदं शरीरम् ॥

९ काव्यशास्त्रविनोदेन कालो गच्छति धीमताम् ।

व्यसनेन च मूर्खाणां निद्रया कलहेन वा ॥

१०रूपयौवनसम्पन्ना विशालकुलसंभवा ।

विद्याहीनाः न शोभन्ते निर्गन्धाःइव किशुकाः ॥

Essential Reading-Module I - Sabdamanjari, R.S.Vadhyar&Sons, Kalpathi, Palakad

Module II - DhatumanjariR.S.Vadhyar&Sons, Kalpathi, Palakad.

Module III - Samskritabhasha, Part I, Kanippayyur Sankaran

Namputirippad Smaraka Granthasala Publication, Panchangam Press,

Kunnankulam, Chapters XV, XVI, Pages 54-60.

Additional Reading- Laghusamskrita, Vallathol Vidyapeetha, Sukapuram

COMPLEMENTARY I

BASICS OF SANSKRIT VYAKARANA

Answers should be written in Sanskrit using Devanagari Script.

Credits: **03**

Total no. of contact hours: **72**

Aim of the course:

To familiarize the students about the basics of Sanskrit grammar in general through elementary grammar

Objectives of the Course:

To help the students acquire the necessary knowledge of the rules on sandhi and enlighten the mas to which case should be used in a particular situation .

Module I	वाक्यम् , सुबन्ताः , लिङ्गम्, विभक्तयश्च ।
Module II	विभक्त्यवान्तरभेदाः - प्रथमा, द्वितीया, तृतीया, चतुर्थी, पञ्चमी, षष्ठी, सप्तमी, विभक्तिसाङ्कर्यं, सर्वनाम्नां विशेषश्च ।
Module III	तिङन्तपदम् - पुरुषाः , वचनानि , लकारार्थाः , लकारार्थविशेषाः, सकर्मकाकर्मकविभागः, कर्मतिङ्विशेषश्च ।
Module IV	विवक्षा, शब्दशक्तिः, लक्षणा. व्यञ्जना, तात्पर्यम्, तात्पर्यग्राहकाः, अन्वयः, क्रमश्च ।

Essential Reading 1 वाक्यतत्त्वम् - रविवर्मा संस्कृतग्रथावली- ३९ सर्वकारीयसंस्कृतमहाविद्यालयःतृप्पूणित्तपरा ।

Additional Reading 1 Samskrita Vyakarana Pravesika
2 SamskritaBhasha1, 2and3, Panchangam Press Kunnankulam

COMPLEMENTARY II
PROSE AND POETRY

Answers should be written in Sanskrit using Devanagari Script.

Credits: **03**

Total No. of contact hours: **72**

Aim of the Course:

The aim of this course is to familiarize the students the basics of Sanskrit in general through elementary grammar, simple Sanskrit prose and Poems.

Objectives of the course:

- To give the student a basic understanding of Sanskrit language and literature.
- To enable the student to comprehend simple prose and verses.
- To enable the student to acquire the four language skills, viz., listening, reading, speaking and writing in simple Sanskrit.

Course outline:

Module I- Brahman in a kulakatha from Panchatantra

Module II- Balaramayana-Balakanda upto and Viswamitrayagaraksha.

(कल्याणानां निधानम्.....राघवं बहुधा प्रशंसुः)

ModuleIII- Sreekrishnavilasa Canto I, Sumeruparvatavarnana (Slokas 1-17)

ModuleIV- Raghuvamsa- CantoII (Verses-1-25only)

Essential Reading

1. Panchatantra –Brahmaninakulakatha
2. Balaramayana of PAnantanarayana Sastri, Balakanda, RSVadhyar & Sons, Palakkad
3. Sreekrishnavilasa of Sukumarakavi, CantoI, R S Vadhyar & sons Palakkad
4. Raghuvamsa of Kalidasa, CantoII, Verses1-25, Chaukhamba Samskrita Sansthan Varanasi.

Additional Reading

- 1 Panchatantra of Vishnusarma
- 2 A History of Sanskrit Literature-A.B. Keith.
- 3 Indian Kavya Literature (6Volumes) –A .K. Warder

SEMESTER II
CORE II: STUDY ON A BHASA PLAY

Answers should be written in Sanskrit using Devanagari script

Credit: **03**

Contact Hours: **72**

Aim of the Course:

This course aims to familiarize the students the rich and envious tradition of drishyakavya. Moreover it is aimed to give awareness about Bhasa, his plays and dramatic techniques.

Objectives of thecourse

- 1 To enable the students to get into the breadth and depth of Sanskrit literature.
- 2 To introduce various perspectives of Sanskrit literature and their scope.
- 3 To enable the student to evaluate the literary works in a critical point of view.
- 4 To develop the skill of appreciation and an esthetic sense of the students.

Module I- Understanding Bhasa and discussing Bhasaproblem.

Module II- Introducing the theme in brief of the plays attributed to Bhasa - on Ramayana Mahabharata Bhagavata and Brihatkatha.

Module III- Urubhanga detailed study.

Module IV- Character, sentiments and deviation of the plot from Mahabharata in the Urubhanga.

- Essential Reading:**
1. Bhasa Problem -Dr.N.P.Unni,
 2. Urubhanga of Bhasa

- Additional Reading:**
- 1.Bhasa Afresh Dr.N.P.Unni, Nas Publishers, New Delhi
 2. Thiruvananthapuram Rupakangal–Article from Natyamandapa of M.P.Sankunni Nair, Matrubhumi Publications, Kozhikkode.
- Bhasa Plays with English translation by K.P.A Menon Nag Publishers, New Delhi

SEMESTER II
COMPLEMENTARY III
JYOTISSASTRAPRAVESAH

*Answers should be written in
Sanskrit using Devanagari script*

Credit: 03

Contact Hours: 72

Aim of the Course:

भारतीयविज्ञाने ज्योतिषशास्त्रस्य माहात्म्यं प्राधान्यं च प्रत्यभिज्ञायते। ज्योतिषशास्त्रस्वरूपं राशिग्रहादीनां सामान्यपरिचयञ्च प्राप्नोति।

Objective of the Course:

- 1 ज्योतिषशास्त्रस्वरूपं कथमिति जानन्ति, होरास्कन्धं परिचिनोति।
- 2 द्वादशराशीनां तेषामधिपानां च परिचयं सम्पादयति।
- 3 द्वादशराशिषु नक्षत्रविन्यासक्रममवगच्छन्ति।
- 4 पञ्चाङ्गपरिचयं प्राप्नोति।

Module I ज्योतिषस्य नेत्रस्थानीयत्वं। त्रयः स्कन्धाः षडङ्गानि च ।

Module II द्वादशराशयः, राशिप्रभेदाः, ग्रहयोनिभेदाश्च ।

Module III द्वादशराशिषु सप्तविंशतिनक्षत्राणां विन्यासक्रमः ।

Module IV पञ्चाङ्गपरिचयः।

Essential Reading – Module I प्रश्नमार्गः -एटक्काट्ट नम्पूतिरि, प्रथमाध्याये आद्याः १२ श्लोकाः।

Module II and III माधवीयम् (माधवाचार्यः) प्रथमोऽध्यायः

Module IV शिशुबोधः, (द्वैजकलाधरशर्मा) आद्याः नवकारिकाः

- Additional Reading
- १ लघुजातकम् १-४ अध्यायाः।
 - २ जातकादेशः ।
 - ३ सारावली ।
 - ४ प्रश्नानुष्ठानपद्धतिः।
 - ५ जातकपरिजातः

SEMESTER II
COMPLEMENTARY IV

HISTORY OF SANSKRIT LITERATURE-I

Answers should be written in Sanskrit or English. In writing Sanskrit Devanagari Script should be used.

Credit: **03**

Contact hours: **72**

Aim of the Course

Introducing the relevance of Sanskrit in modern studies as well as in ancient studies.

Objectives of the Course

- To provide the students with a brief knowledge of classical literature in Sanskrit.
- To introduce a few contemporary works in Sanskrit.
- To create awareness of the wealth Knowledge in Sanskrit Vedic and other early texts.

Course Outline

Module I : Vedic Literature-Samhitas-Brahmanas, Aranyakas and Upanishads
Module II: Vedangas and Upavedas
Module III: Epics-Ramayana, Mahabharata
Module IV: Puranas and Upapuranas

Essential Reading

- 1 संस्कृतसाहित्येतिहासः - आचार्य रामचन्द्रमिश्र, चौखंबा वाराणसी ।
- 2 A Short History of Sanskrit Literature—pages 1-56 T.K.RamachandraAiyar, R.S.Vadhyar & Sons, Palakkad

Additional Reading

1. സംസ്കൃതസാഹിത്യചരിത്രം, കേരളസാഹിത്യഅക്കാദമി തൃശ്ശൂർ
2. A History of Sanskrit Literature-A.B.Keith, Motilal Banarsidass, NewDelhi
3. Indian Kavya Literature (6Volumes)- A.K.Warder, Motilal Banarsidass, NewDelhi
4. History of Classical Sanskrit Literature-M.Krishnamachari, Motilal Banarsidass
New Delhi

SYLLABUS

III SEMESTER BA Programme Common for Sanskrit (Special) Subjects

Nyaya, Sahitya, Vedanta, Vyakarana & Jyotisha

CORE III – SANSKRIT & INFORMATICS

Credit: 4

Contact Hours: 90

Aim of the Course:

To introduce students the use of Information Technology and thus enable them to utilize digital knowledge resources.

Objective of the Course:

- ❖ To review the basic concepts and functional knowledge in the field of informatics.
- ❖ To know the applications of IT in various fields.
- ❖ To impart the techniques of programming.
- ❖ To impart skills to enable students to use digital knowledge resources in learning.

MODULE I

Introduction to Computers

What are computers? – Block diagram of computer – Input & Output devices - Storage devices – Evolution of computers - Generation of computers - Classification of computers - Low level and High level languages - Overview of Operating System -Software concepts - System and Application software packages - Language Translators – Algorithm – Flowchart - Decision Tables – Pseudo Code.

MODULE II

Application of Information Technology in Higher Education & Society

Information System (Data, Information, Knowledge & Knowledge Management) - Academic search techniques - Introduction to academic websites - Introduction to use of IT in Teaching and Learning - Introduction to Educational software & academic services - INFLIBNET, NICNET, BRNET - E-Governance - E-commerce - IT in Research & Development - IT in Publishing - IT & Electronic media – Cyber Law -Cyber Crime - Cyber Security – CyberThreats.

MODULE III

C programming & DBMS

Data types – Variables – Constants – Operators – Expressions – Assignments -
Control Statements – Arrays – Functions - Basic concepts of Database
Management Systems.

MODULE IV

Software Lab is used for the following:

Windows – Folders – Files - Ms Office (Ms Word, Ms Excel, Ms Power Point) -
Internet – Email - Internet Access Methods (Dial Up, DSL, Cable, ISDN, Wi-Fi) - Key
board layout for Sanskrit - Natural languages & Computer languages - Unicode –
Installing Fonts – Unicode Typing in Devanagari Scripts – Typing Tools and
Software.

Recommended Books/Readings:

1. “Fundamentals of Information Technology”- Alex Leon & Mathew Alex Leon,
Leon Tech World 1999.
2. “Working with C”-Y. Kanetkar.
3. “Sanskrit Informatics” – R. Raman Nair & L. Sulochana Devi.
4. Websites:- Google, Wikipedia, Sanskrit.du.ac.in, Unicode.org
5. Teacher’s notes and handout

III SEMESTER

Complementary V

BASIC PRINCIPLES OF NYAYA VAISESHIKA PHILOSOPHY

Answers should be written in Sanskrit using Devanagari script

Credit: 4

Contact Hours: 90

Aim of the Course

To familiarize the students with the fundamental theories of Nyaya Vaisesika System.

Objectives of the Course

Familiarize the students with the categories of the Nyaya and Vaisesika system of Philosophy. To give an idea about the Pramanas. (Means of Valid knowledge)

Course outline

Module 1 - Mangala Vada Classification of Categories, Characteristics of Substances.

Module II -Dealing with the characteristic mark. Division and Examination of the Twenty four Qualities.

Module III - The Nyaya-Vaisesika theory of Epistemology

Module IV -Inference

ModuleV- Analogy and Verbal Testimony

Essential Reading

Tarkasangraha of Annambhatta, (Up to Anumanakhanda) Chaukhambha Sanskrit Sansthan, Varanasi

Additional Reading

1. Tarkabhasa of Kesavamisra
2. Nyayasiddhantamuktavali of Viswanatha
3. Nyayacandrika of Jayantabhatta

Complementary VI

History of Sanskrit Literature-II

Answers should be written in Sanskrit or English .In writing Sanskrit Devanagari Script should be used.

Credit: 4

Contact hours: 90

Aim of the Course

Introducing the relevance of Sanskrit literature in modern studies as well as in ancient studies.

Objectives of the Course

- To provide the students with a brief knowledge of classical literature in Sanskrit.
- To introduce a few contemporary works in Sanskrit.
- To create awareness of the wealth Knowledge in Sanskrit Vedic and other early texts.

Module I-	Mahakavyas-Khandakavyas-Stotrakavyas, Champukavyas and Didactic poetry
ModuleII-	Historical Kavyas, Sastrakavyas, Yamakakavyas.
ModuleIII-	DramaticLiteratureinSanskrit-Origin and development of Sanskrit dramas with special reference to Kalidasa, Bhavabhuti, Sudraka, Visakhadatta, Sriharsha and Bhattanarayana
ModuleIV-	Keralaauthors in Sanskrit Literture-Srisankara, Dramatist Kulasekhara, Melputhurand Ramapanivada.

Essential Reading

- 1 संस्कृतसाहित्येतिहासः- आचार्यरामचन्द्र मिश्र चौखंबा वाराणसी ।
- 2 A Short History of Sanskrit Literature-T.K.RamachandraAiyar, -R.S.Vadhyar & Sons, Palakkad
- 3 The Contribution of Kerala to Sanskrit Literature, Dr.K.KunjunniRaja, University of Madras, 1980. Pages 1 - 30, 119 - 152 and 183 -195
- 4 Sreesankaracharyar, Dr.K.KunjunniRaja,Kerala Sahithya Charithram Ullur S. Parameswara Iyer

IVSemester

Core IV

MANUSCRIPTOLOGY

Credit: 4

Answers may be written either in Sanskrit or in English. In writing Sanskrit

Devanagari script should be used.

Aim of the course

Contact Hours: 90

The course is intended to impart knowledge about the Manuscriptology in general.

Objectives of the Course

- 1) The course will help to get a general idea about Manuscriptology.
- 2) To create an interest among students about the valuable Contributions made by our fore fathers in all the fields of knowledge.
- 3) To promote the study of our ancient writing methods which are reflected in inscriptions And Manuscripts.

Course outline

- | | |
|-----------|---|
| ModuleI | -Introduction-Scope and significance of Manuscriptology. |
| ModuleII | -Writing materials-Scribe and the writing Conversions-Language and scripts. |
| ModuleIII | -Manuscript Characteristics. |
| ModuleIV | -Collection of Manuscripts, Cataloging, Editing, Publishing& Conservation of Manuscripts. |

Essential Reading- The Fundamentals of Manuscriptology-P.Visalakshy-Draavidian

Linguistics Association, 2003.

Books for References

- 1) Introduction to Manuscriptology, P.S.Shivaganesha Murthy.
- 2) Conservation of Books, Manuscripts and Paper Documents, Agarwal O.P. & Barkashli Mandara.
- 3) Indian Paleography, Pandey, Raj Bali

Complementary VII
BASIC PRINCIPLES OF VEDANTA PHILOSOPHY

Answers should be written in Sanskrit using Devanagari Script.

Credit: 4

Contact Hours: 90

Aim of the Course

This course aims to make awareness in Advaita Vedanta.

Objectives of the Course

- 1) To give the students an overall understanding about the Indian Philosophy
- 2) To understand the importance of Vedanta Philosophy in India.
- 3) To help the development to personality and thinking power of students.

Course outline

- Module I गुरुवन्दनम्, प्रतिज्ञा, अनुबन्धचतुष्टयम्।
- Module II नित्यानित्यवस्तुविवेकः, इहामुत्रफलभोगविरागः ।
- Module III कामजयः, काञ्चनत्यागः।
- Module IV शमादिषड्कसम्पत्तिः । (upto and including verse 150)

Essential Reading सर्ववेदान्तसिद्धान्तसारसंग्रहः of SreeSankaracharya with the commentary of Agamananda Swami, RamakrishnaMission, Trichur

Additional Reading

1. *Vivekachoodamani* of SreeSankaracharya Commentary by Siddhinathananda Swami, RamakrishnaMission, Trichur
2. *Vedantasara* of Sadananda, Chauhamba Sanskrit Sansthan Varanasi

Complementary VIII

VRITTA & ALANKARA

Answers should be written in Sanskrit using Devanagari Script.

Credit: 4

Contact Hours: 90

Aim of the Course

This course aims to familiarize the Alankaras and Vrittas and their place in the study and appreciation of literature.

Objectives of the Course

1. To introduce the main features of Alankaras and vrittas in general and their role in the appreciation of Poetry
2. To familiarize the students with the basic elements of Sanskrit Poetics.

Module I- Upama, Rupaka, Utpreksha, Apahnuti and Atisayukti with all divisions

Module II- Dipaka, Drishtanta, Nidarsana, Samasukti, Slesha, Aprastutaprasamsa, Virodhabhasa, Vibhavana, Viseshukti, Kavyalinga, Arthantaranyasa, Yamaka and Anuprasa

Module III- Sama, Ardhasama and Vishama Vrittas, Matravruttas, Ganavruttas and Cchandasa

Module IV- Arya Giti, Anushtup, Indravajra, Upendravajra, Upajati, Vamsastham, Vasantatilakam, Malini, Mandakranta, Bhujangaprayatam, Sragdhara, Sardulavikridita, Viyogini, and Pushpitagra

Essential Reading: 1. Kuvalayananda of Appayadikshita (Without Vritti)

RSVadhyar & Sons, Palakkad

2. Laghuvrittarnakara, of Kedarabhata, RSVadhyar & Sons, Palakkad

Additional Reading:

1. Kuvalayananda of Appayadikshita with the Commentary of Alankarachandrika of Vaidyanathasuri.
2. Vrittarnakara of Kedarabhata, Chaukhamba Sanskrita Sansthan, Varanasi

Semester V

Core V LINGUISTICS

Answers should be written in either Sanskrit or English.

In writing Sanskrit Devanagari Script should be used.

Credit: 4

Contact Hours: 108

Aim of the Course

The general awareness of linguistics is very essential for the study of language and literature. The aim of this course is to give knowledge about the origin and development of linguistics of Sanskrit and its main features.

Objectives of the Course

- 1) To understand the nature and scope of the science of languages.
- 2) To give a general idea about the main divisions of linguistics.
- 3) To get a general knowledge about the Indo-European family and its general characteristics.

Module I- Introduction-Nature and scope of the science of languages-

Four divisions - Phonology, Morphology, Semantics, and Syntax.

Module II- Theories about the origin of language-Classification of language-Morphological and Genealogical-Dialects and Cognate languages-Indo-European family General characteristics the major members-Indo-Iranian branch-Vedic and classical Sanskrit-Prakrit.

Module III-Phonology, mechanism of speech sounds, Phonology-Mechanism of speech –production of speech sound-sonants and consonants and their classification-Phonetic laws-Law of palatalisation-Grim’slaw-Analogy-Its main varieties

ModuleIV-PhoneticChange-Itscauses-Prothesis,Appentthesis, Anapthyxis,Germination, Epithesis, Aphaeresis Syncope Haplology,Apocope, Assimilation, Dissimilation, Metathesis, Compensatory change,Historical Survival,Transference.

Essential Reading: An Introduction to Sanskrit Linguistics-

Srimannarayanamurthi, D.K.Publications, NewDelhi.

Additional Reading:

- 1 Introduction to the study of Language, Bloomfield.
- 2 Sanskrit Language, Burrow.
- 3 Language-Its study, Development and Origin, Jespersen.
- 4 Phonetic observations of Ancient Indian Grammarians, Siddheswar Varma.
- 5 A Linguistic Introduction to Sanskrit, Ghosh.

V Semester
Core VI
HISTORY OF SANSKRIT POETICS

*Answers should be written in either Sanskrit or English.
In writing Sanskrit Devanagari Script should be used*

Credit: 4

Contact Hours: 90

Aim of the Course: To give awareness of important Eastern literary criticism.

Objective of the course:

To understand what is criticism.

To understand the importance of Eastern literary Criticism

To familiarize with the contributions of great personalities in the field of Criticism. To evaluate the literature with the light of literary criticism.

Module I-References to Sanskrit Poetics in Vedas Puranas and epics.Division of Sanskrit Poetics in to Pre Dhvani and Post Dhvani periods

ModuleII - Alankara Guna and Riti schools

ModuleIII-Rasa and Dhvani Schools

ModuleIV-Anumana, Vakrokti and Auchitya Schools

Essential Reading:

1. Alankarasastrasya Itihasah , Chaukhamba , Varanasi
2. History of Sanskrit Poetics -P.V.Kane

Additional Reading:

1. History of Sanskrit Poetics, S.K.De, Fireman, KLMPvt.Limited, Calcutta, 1988.
2. Samskritasahityavimarsam, Dr.N.V.P.Unithiri, Kerala Language Institute, Tiruvananthapuram.
3. Comparative Aesthetics, K.C.Pandey, MLBD, Newdelhi.
4. Bharateeya Kavyasastram, T.Bhaskaran, Kerala Language Institute, Thiruvananthapuram.

V Semester

Core VII

ESSENTIALS OF SANSKRIT GRAMMAR

Answers should be written in Sanskrit using Devanagari script

Credit: 4

Contact Hours: 90

Aim of the course:

To introduce the rules of sandhi to the students and to give an insight to the mas to how they should choose the desired case-ending forms.

Objectives of the Course:

To help the students acquire the necessary knowledge of the rules on sandhi and enlighten the mas to which case should be used in a particular situation.

Module I- Samjnaprakarana

ModuleII- AchSandhiprakarana

ModuleIII- Halsandhi and Visargasandhiprakaranas

ModuleIV- Karakaprakarana

EssentialReading: LaghusiddhantaKaumudi, ChaukhambaSanskritSeriesOffice,
Varanasai-Samjna, AchSandhiHalsandhiVisargasandhi and
Karakaprakarana

AdditionalReading: Vaiyakarana Siddhanta Kaumudi with the commentary-

Balamanorama, Chaukhamba, Varanasi

V Semester

Core VIII

ENVIRONMENTAL STUDIES- SANSKRIT LITERARY PERSPECTIVE

Answers should be written either in Sanskrit or in English.

In Sanskrit Devanagari Script should be used

Vision

The importance of environmental science and environmental studies cannot be disputed. The need for sustainable development is a key to the future of mankind. Continuing problems of pollution, solid waste disposal, degradation of environment, issues like economic productivity and national security, Global warming, the depletion of ozone layer and loss of biodiversity have made everyone aware of environmental issues. The United Nations Conference on Environment and Development held in Rio de Janeiro in 1992 and World Summit on Sustainable Development at Johannesburg in 2002 have drawn the attention of people around the globe to the deteriorating condition of our environment. It is clear that no citizen of the earth can afford to be ignorant of environment issues.

India is rich in biodiversity which provides various resources for people. Only about 1.7 million living organisms have been described and named globally. Still many more remain to be identified and described. Attempts are made to conserve them in ex-situ and in-situ situations. Intellectual property rights (IPRs) have become important in a biodiversity-rich country like India to protect microbes, plants, and animals that have useful genetic properties. Destruction of habitats, over-use of energy resource and environmental pollution has been found to be responsible for the loss of a large number of life-forms. It is feared that a large proportion of life on earth may get wiped out in the near future.

In spite of the deteriorating status of the environment, study of environment has so far not received adequate attention in our academic programme. Recognizing this, the Hon'ble Supreme Court directed the UGC to introduce a basic course on environment at every level in college education. Accordingly, the matter was considered by UGC and it was decided that a six months compulsory core module course in environmental studies may be prepared and compulsorily implemented in all the University/Colleges of India.

The syllabus of environmental studies includes five modules including human rights. The first two modules are purely environmental studies according to the UGC directions. The second two modules are strictly related with the core subject and fifth module is for human rights.

Objectives

- Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues by developing and enhancing critical and creative thinking skills. It helps to foster a new generation of informed consumers, workers, as well as policy or decision makers.
- Environmental Education helps students to understand how their decisions and actions affect the environment, builds knowledge and skills necessary to address complex environmental issues, as

well as ways we can take action to keep our environment healthy and sustainable for the future. It encourages character building, and develop positive attitudes and values.

- To develop the sense of awareness among the students about the environment and its various problems and to help the students in realizing the inter-relationship between man and environment and helps to protect the nature and natural resources.
- To help the students in acquiring the basic knowledge about environment and the social norms that provide unity with environmental characteristics and create positive attitude about the environment.

Course outline

- **Module I** - Nature scope and importance of Environmental studies
- **Module II** - Environmental pollution- Types of pollution, waste management, environmental disasters, and management
- **Module III** - Environmental science in Vedas
- **Module IV** - Emotional bond between human and nature in the works of kalidasa
- **Module V** - Human rights and conservation of nature

SYLLABUS

4 credits

90 hrs

Module I

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 hrs)

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

a) **Forest resources:** Use and over-exploitation, deforestation, case studies.

Timber extraction, mining, dams and their effects on forest and tribal people.

b) **Water resources:** Use and over-utilization of surface and ground water,

floods, drought, conflicts over water, dams-benefits and problems.

c) **Mineral resources:** Use and exploitation, environmental effects of extracting

and using mineral resources, case studies.

d) **Food resources:** World food problems, changes caused by agriculture and

overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

e) **Energy resources:** Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.

f) **Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification

- Role of individual in conservation of natural resources.
- Equitable use of resources for sustainable life styles.

(10 hrs)

Unit 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the given ecosystem:- Forest ecosystem

(6 hrs)

Module II

Unit 1: Biodiversity and its conservation

- Introduction
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- India as a mega-diversity nation
- Hot-spots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered and endemic species of India

(8 hrs)

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- h. Air pollution
- i. Water pollution
- j. Soil pollution
- k. Marine pollution
- l. Noise pollution
- m. Thermal pollution
- n. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides. (8 hrs)

Unit 3: Social Issues and the Environment

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people: its problems and concerns, Case studies
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, Case studies
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation

- Public awareness

(10 hrs)

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Module III- Environmental science in Vedas (10 hrs)

Module IV- Emotional bond between human and nature in the works of Kalidasa (10 hrs)

Module – V

Unit 1- Human Rights– An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations – contributions, main human rights related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights - Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthuriengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc.

(8 Hrs)

Internal: Field study

- Visit to a local area to document environmental grassland/ hill /mountain
- Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

Essential Reading:

1. Environmental studies- J P Sharma, Lakshmi publications New Delhi. pages 1 to 10, 104 to 138
2. Origin of Environmental Science- Shashi Tiwari
Sanskritavimarsah(Journal Vol II,2012 edition of Rashtreeya Sanskrit Sansthan New Delhi) page no156 to 170
3. Ecological references in the works of Kalidasa- Proceedings of

National Seminar on Environmental awareness reflected in Sanskrit Literature- Edited by V N Jha, Centre of advanced study in Sanskrit, University of Poona 1991. Page no 121 to 153

REFERENCES

19. Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
20. Clark.R.S., Marine Pollution, Clanderson Press Oxford (Ref)
21. Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
22. Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
23. Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
24. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell
25. Indian scientific tradition – edited NVP Unithiri
26. *Keralathile Paristhithi prasnangal- RVG Menon*
27. Water in Crisis- HT Gleick
28. *Kaavu theendal- Sugathakumari*

Science (Ref)
29. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Stadards, Vol I and II, Enviro Media (Ref)
30. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)

Human Rights

1. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
2. Law Relating to Human Rights, Asia Law House,2001.
3. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
4. S.K.Khanna, Children and The Human Rights, Common Wealth Publishers, 1998. 2011.

V Semester

OPEN COURSE

KERALA SANSKRIT THEATRE

Answers should be written in either Sanskrit or English. In writing Sanskrit Devanagari Script should be used.

Credit: 3

Contact Hours: 90

Aim of the Course:

To familiarize the general outlook of Kerala's Sanskrit theatre.

Objective of the Course:

To give the student an overall understanding about Kerala's Classical theatre

To enable the student to understand the basic elements of Sanskrit Theatre

ModuleI- General Introduction to Kerala theatre classical and folk.

ModuleII- Koodiyattam-Characters, Costumes, Abhinayas instruments, womens role
And Nangiarkoothu, Chakyarkoothu eminent artists and Ritual aspects

ModuleIII- Krishnanattam, Basic texts characters, costumes, Abhinaya and ritual
aspects

ModuleIV-Allied theatrical forms especially Kathakali and Kooth

Essential Reading:

1. The traditional Sanskrit Theatre of Kerala- Dr C.Rajendran
2. Kutiyattam-Symphony of Dance Theatre and Music
3. Kalalokam-K.PNarayanaPisharoti,KeralaSahithyaAcademy, Thrissur chapters
4 and 5 pages 42 to 84.

Additional Reading:

1. Kutiyattam the Earliest living Tradition,Dr.K.GPaulose,DCBooks
2. Nangiar Koothu Nirmala Panikkar, Natanakairaly, Iringalakuda
3. Koothambalangalil, K P Narayana Pisharoti

VI SEMESTER

CORE IX

MAHAKAVYA AND KHANDAKAVYIA

Answers should be written in Sanskrit using Devanagari Script

Credit: 4

Contact Hours: 90

Aim of the Course:

To familiarize the students with the Mahakavya and Khandakavya literature in Sanskrit.

Objectives of the Course:

1. To give an overall understanding about the Mahakavya and Khandakavya literature in Sanskrit.
2. To enable the student to understand and appreciate Sanskrit Poetry.
3. To understand the concept of Mahakavyas and Kavyas in general.

Course outline

Module I-A general introduction to Mahakavya literature in Sanskrit.

Module II-Detailed study of the Mahakavya **Kiratarjuneeya** of Bharavi-
Canto I

Module III- A general introduction to khandakavya literature in Sanskrit.

Module IV-Detailed study of the **Meghadoota** of Kalidasa- **Purvamegha** only.

Essential Reading:

1. Kiratarjuneeya of Bharavi-Canto I
2. Meghadootam of Kalidasa, **Purvamegha** only.

Additional Reading:

1. Indian Kavya literature, A.K.Warder
2. Works of Kalidasa, C.R.Devadhar
3. Samskruthasahityacharithram, Kerala Sahitya Academi, Trissur
4. Kalidasa in modern Sanskrit literature, SatyavrataSastri

Core X
DRAMATURGY

Contact Hours: **90**

Credit -4

Answers should be written in Sanskrit using Devanagari Script.

Aim of the Course

To give a general outlook about Indian Dramaturgy

Objectives of the Course

1. To make aware about the Indian Dramaturgy.
2. To develop the creative power of the students.

Course outline

Module I- A General introduction about the Indian Dramaturgy.

Module II- Detailed study of the **Sahityadarpana** of Viswanatha-
Chapter VI upto sandhi

Module III- Sahitya darpana chapter VI Sandhi and Sandhyanga upto Natakakalaksanam

Module IV- Sahitya darpana chapter VI Prakarana lakshana to end of the chapter

Essential Reading

1. Sahityadarpana of Viswanatha, Chapter VI

Additional Reading

1. History of Sanskrit Poetics, P.V.Kane
2. Sanskrit Criticism, V.K. Chari
3. Studies in Natyasastra, G.H. Tavalkar
4. Sanskrit Play Production in Ancient India, Tarala Metha
5. Natyamandapam, M.P. Sankkuni Nair

CORE XI
POETICS I

Answers should be written in Sanskrit using Devanagari Script

Credit: 4

Contact Hours: 90

Aim of the Course

The aim of the course is to familiarize the students with the basic elements of Sanskrit Poetics.

Objectives of the Course

1. To give a general awareness about the history of Indian Poetics.
2. To give the ability to appreciate literature.
3. To increase the creative power of students.

Course outline

Module I -A general introduction to Sanskrit Poetics.

Module II -Detailed study of Kavyadarsa of Dandin-(1st Paricheda only.)

Module III -Detailed study of the Kavyalankarasutravrtti of Vamana (1st Adhikarana only.)

Module IV -Kavyamimamsa of Rajasekhara Chapters: IV and V

Essential Reading:

1. Kavyadarsa of Dandin-Paricheda. I (First Paricheda)
2. Kavyalankarasutravrtti of Vamana-(First Adhikarana)
3. Kavyamimamsa of Rajasekhara Chapters IV and V

Additional Reading:

1. History of Sanskrit Poetics, S.K. De
2. History of Sanskrit Poetics, P.V. Kane
3. A Critical study of Dandin and his works, D.K. Gupta
4. Kavyamimamsa of Rajasekhara, Sadhana Parashar, Published by DK Print World (p) Ltd. New Delhi.

Core XII
POETICS -II

Answers should be written in Sanskrit using Devanagari Script

Credit: 4

Contact Hours: 90

Aim of the Course:

To familiarize the students with the Indian Aesthetics

Objectives of the Course

1. To give the student an overall understanding about Indian Poetics and Literary theories.
2. To enable the student to understand the basic elements of Sanskrit Poetics.
3. To empower the student to evaluate the literary work in a critical point of view.

Course outline

Module - I. A general introduction to theories of Aesthetics in Sanskrit.

Module -II.Detailed Study of Kavyaprakasa of Mammatabatta, Ullasas **I**

Module-III.Detailed Study of Kavyaprakasa of Mammatabatta, Ullasas **II**

Module– IVDetailed Study o f **Kavyaprakasa** of Mammatabatta, Ullasas **III&IV**

Essential Reading

Kavyaprakasa of Mammatabhatta-**I-IV** Ullasas

Additional Reading

1. Kavyaprakasa of Mammatabhatta with the Balabodhika Sanskrit Commentary by VRJ halakikar, Parimal Publications,NewDelhi
2. History of Sanskrit Poetics, S.K. De
3. History of Sanskrit Poetics,P.V.Kane
4. Alankarasastretihasa, Dr.Jagadishchandra Misra
5. Comparative Aesthetics, K.C.Pande.

VI Semester

Choice Based Core I

NATAKA AND CHAMPU

Answers should be written in Sanskrit using Devanagari Script.

Credit: 4

Contact Hours: 90

Aim of the Course

To familiarize the student with the Nataka and Champu Literature in Sanskrit.

Objectives of the Course

- 1) To make aware about the Drama and Champu literature in Sanskrit.
- 2) To give ability to appreciate dramas and champus.
- 3) To give an idea about how the Social conditions reflected in literature

ModuleI- Works of Kalidasa special features

ModuleII- AbhijnanaSakuntala of Kalidasa first3 acts textual study

ModuleIII- AbhijnanaSakuntala of Kalidasa 4&5actstextual study

ModuleIV- Ramayana champu of Bhoja- Textual study Balakanda up to and includes Tatakavadhakatha,. (UptoandincludingVerse47)

Essential Reading:

1. Samskrita sahyasya Ithihasa of Lokmani Dah, chaukhamba Varanasi pages 223-241
2. Abhijnana Shakuntala of Kalidasa
3. Ramayanachampu of Bhoja

SEMESTER-VI

Choice based core 2- STUDY OF A GADYAKAVYA

Answers should be written in Sanskrit using Devanagari Script

Credit-3

Contact hours-90

Aim of the Course

To introduce the prose concept of Sanskrit

Objective of the Course

To make the awareness of prose literature and its scientific analysis

Course Outline

Module I General Introduction and definition of Gadyakavyas

Module II General Introduction to Gadya Kavyas of Subandhu Dandi and Banabhatta

Module III Kadambarisangraha Poorvabhaga pages 1-100

Module IV Kadambarisangraha Poorvabhaga pages 100 –143

Essential reading:

1. Indian Kavya Literature, A K Warder
2. History of Sanskrit Aesthetics P V Kane
3. Kadambarisangraha of Krishnamacharya R S Vadhyar & Sons Kalpathy, Palakkad

Additional Reading:

1. Kavyadarsa of Dandi
2. Kadambari of Banabhatta

SEMESTER-VI

Choice based Core 3

VEDA DHARMA SASTRA AND ITHIHASA

Answers should be written in Sanskrit using Devanagari Script.

Credit: 4 Contact Hours: 90

Aim of the Course:

To familiarize with the Vedic Literature, Dharmasastras Epics in Sanskrit

Objectives of the Course:

- 1) To give a general idea about the Vedic Literature Dharmasastras Epics in Sanskrit
- 2) To make aware the difference between Vedic Sanskrit and Classical Sanskrit.
- 3) To understand the ancient history and geographical structure of India.
- 4) To acquire knowledge about how to use the ancient knowledge for the well-being of the contemporary society.

Module I - Agni Sukta (Ist sukta of Rigveda) and
Kitava sukta from Rigveda

Module II - Yakshaprasna (Mahabharata)

Module III - Manusmriti Chapter VIII Verses 1-60 verses only

Module IV - Isavasyopanishad.

Essential Reading:

- 1 Vedic Reader Choukhamba Varanasi
- 2 Yakshaprasna R S Vadhyar & Sons Palakkad
- 3 Manusmriti Choukhamba Varanasi
- 4 Isavasyopanishad. Ramakrishna Math Puranattukara

Additional Reading

1. Vaidika Darsanam – Jeetsingh Khojva. Nag Publishers, Delhi
2. Mahabharata Vana Parva
3. Manusmriti E.D Urmila Rustagi, J P Publishers, Delhi.
4. Ten Principal Upanishads with Sankara Bhashya, Motilal Banarasi Dass, Delhi

Project Work Recommended: Visiting institutions like Kerala Kalamandalam, Manuscript libraries and interacting with reputed personalities and experts of the art forms closely observing theatrical presentations, students are directed to prepare a project work 20-30 pages related to any one of the art forms prescribed in the syllabus of this course. This project work will be considered in the place of assignment of the other courses.

MAHATMA GANDHI UNIVERSITY

KOTTAYAM



REGULATIONS

for

UNDER GRADUATE PROGRAMMES

CHOISE BASED CREDIT SYSTEM

(UGCBCS)

(2017 Admission onwards)

SANSKRIT (SPECIAL) VYAKARANA

2017

INTRODUCTION TO THE REVISED SCHEME AND SYLLABUS SANSKRIT (SPECIAL) VYAKARANA 2017 FOR UNDERGRADUATE STUDIES

The syllabus of the undergraduate course Sanskrit (Special) Vyakarana has been restructured based on the recommendation and suggestions from UGC and Mahatma Gandhi University.

The need of incorporating Environmental *Studies as* a compulsory core module paper was conveyed considering that the conservation of nature is a need of time. And considering the fact that the ancient Vedic wisdom through various literary works has profoundly articulated the values and definite methods of environment conservation, core paper VIII in fifth semester has been formulated incorporating important Sanskrit literature which has an environmental perspective and also incorporating current problems facing in the area and possible solutions.

The syllabus is so formulated that from first semester to fourth semester there will be one core paper and two complimentary papers in each semester. One complementary paper in every semester will be taken by the mother department (IIInd IVth and VIth) and remaining three complementary papers (IInd IIIrd and Vth) will be taken by other departments. In fifth semester there will be four core courses and one open course. And in the last semester (VIth Semester) there will be four core courses and one choice based core in which three choices are provided. In the last to semester combined, there will be a project and its evaluation and viva will be conducted in sixth semester.

The details of courses including course title, instructional hours, credits, and marks semester wise are also provided in detail.

B.A. DEGREE PROGRAMME IN SANSKRIT SPECIAL VYAKARANA

Semester	Sl. No	Course Code	Course	Topic	Instructional Hours	Credits	External-Internal	
Semester I	1	SK1CCT-01	Common English I		5	4	80-20	
	2		Common English II		4	3	80-20	
	3		Common Adl. Language I		4	4	80-20	
	4	SV1CRT-01	Core I		Methodology of Sanskrit Vyakarana- Effective Sanskrit Communication	4	3	80-20
	5	SV1CMT-01	Complementary I		Jyothisha –Jyothi sastraparicayah	4	3	80-20
	6	SV1CMT-02	Complementary II		Grammatical systems in Sanskrit- Paninian and others	4	3	80-20
Semester II	7	SK2CCT-02	Common English III		5	4	80-20	
	8		Common English IV		4	3	80-20	
	9		Common Adl. language II		4	4	80-20	
	10	SV2CRT-02	Core II		SIDDHANTHAKAUMUDI-I(Selected portions from samjaprakarana to Sandhyanta)	4	3	80-20
	11	SV2CMT-03	Complementary III		BASICS OF NYAYA VAISESIKA PHYLOSOPHY	4	3	80-20
	12	SV2CMT-04	Complementary IV		FUNDAMENTAL LINGUISTICS	4	3	80-20

Semester III	13		Common English V		5	4	80-20
	14	SK3CCT-03	Common Adl. language III		5	4	80-20
	15	SV3CRT-03	Core III	SANSKRIT & INFORMATICS	5	4	80-20
	16	SV3CMT-05	Complementary V	COMPLEMENTARY VEDANTA VEDANTAPARICAYA	5	4	80-20
	17	SV3CMT-06	Complementary VI	SIDDHANTHAKAUMUDI SAMASAPRAKARANA SELECTED SUTRAS	5	4	80-20
Semester IV	18		Common English VI		5	4	80-20
	19	SK4CCT-04	Common Adl. Language IV		5	4	80-20
	20	SV4CRT-04	Core IV	SIDDHANTHAKAUMUDI I- II (SELECTED SUTRAS & PRAKRIYAS FROM AJANTHAPUMLINGA , STRI LINGA AND NAPUMSAKALINGA)	5	4	80-20
	21	SV4CMT-07	Complementary-VII	SAHITYA-AN INTRODUCTION TO INDIAN AESTHETICS	5	4	80-20
	22	SV4CMT-08	Complementary-VIII	PARIBHASHENDUSE KHARA	5	4	80-20
Semester V	23	SV5CRT-05	Core V	SIDDHANTHAKAUMUDI I-III HALANTHA SABDA PARICAYA (SELECTED PORTIONS)	6	4	80-20
	24	SV5CRT-06	Core VI	SIDDHANTHAKAUMUDI I-IV -THADDHITA PARICAYAH	5	4	80-20
	25	SV5CRT-07	Core VII	SIDDHANTHAKAUMUDI I-V STRIPRATYA YAPARICAYAH	5	4	80-20

	26	SV5C RT-08	CoreVIII	SAMSKRITABHASHAYAM PARYAVARANASASTRAM	5	4	80-20	
	27	SV5 OP-01	OPEN COURSE	BHARATIYAVINJANAPARAM -PARA	4	3	80-20	
Semester V1	28	SV6CRT- 09	Core IX	SIDDHANTHAKAUMUD I-VII-DASGANI	5	4	80-20	
	29	SV6CRT- 10	CoreX	PRAUDHAMANORAMA (SAMJNA,PARI BHASHA, ACHSANDHI PRAKARANA)	5	4	80-20	
	30	SV6CRT- 11	Core XI	MAHABHASHYA- AHNIKAS I&2	5	4	80-20	
	31	SV6CRT- 12	Core XII	SIDDHANTHAKAUMUD I-VIII NIJANTADIPARICAYA	5	4	80-20	
	32	SV6CBT- 01	Core XIII- Choice Based Core	1.SIDDHANTHAKAUM UDI-VI- KARAKAS AND METHODOLOGY OF RESEARCH	5	3	80-20	
		SV6CBT- 02						2. NARAYANAEEYA FIRST FIVE DASAKAS – GRAMMATICAL STUDY
		SV6CBT- 03						3.SVAPNAVASAVADTT A-A GRAMMATICAL STUDY
	SV6PRT- 01	Project	CAN BE SELECTED BY DEPT.		2	80-20		

MAHATMA GANDHI UNIVERSITY
B A PROGRAMME—RESTRUCTURED SYLLUBUS—CBCS
SANSKRIT (SPECIAL-VYAKARANA)
SEMESTER – I

Core I –METHODOLOGY OF SANSKRIT VYAKARANA

EFFECTIVE SANSKRIT COMMUNICATION

Credits 3

Contact Hours 72 (2017Admission onwards)

Aim of the course

To introduce the students to the Sanskrit language and its grammatical structure

Objectives of the course

1. To make the students understand the basic Sanskrit forms of nouns and verbs
2. To increase the vocabulary of Sanskrit language.
3. To make the students understand the basic principles of Sanskrit sentence structure
4. To make the students capable to use the Sanskrit language fluently.

Module I - Declensions of the following nouns (Without Derivations)

रामः, रमा, वनम्, हरिः, पतिः, गुरुः, पितृ, मतिः, नदी, स्त्री, धेनुः, मातृ, वारि, मधुः, धीमत्,
राजन्, पथिन्, विद्वस्, कर्म, सर्व (In all lingas), अस्मद्, युष्मद्, किम् (In all lingas)
तद् (In all lingas)

Module II – Conjugations of the following roots in all lakaras (Without Derivations भू and एध्

Module III - आख्यातचन्द्रिका of Bhattamalla भावविकारवर्ग& only, Amarakosa मृगवर्ग& मनुष्यवर्ग& upto the verse गडुल& कालक&----

Module IV - अभ्यासदर्शिनी published by Samskritabharati, Bangalore

Module V - Official & Friendly letter writing, Essay writing on simple general topics, Selected Subhashitas

पञ्चदश सुभाषितानि

- १ कृष्णो रक्षतु मां चराचरगुरुः कृष्णं नमस्ये सदा
कृष्णेनैव सुरक्षितोऽहमसकृत्कृष्णाय तुभ्यं नमः।
कृष्णादेव समुत्थितं जगदिदं कृष्णस्य दासोऽस्म्यहम्
कृष्णो भक्तिरचञ्चलास्तु भगवन् हे कृष्ण तुभ्यं नमः॥
- २ इदमन्धं तमः कृत्स्नं जायेत भुवनत्रयम्।
यदि शब्दाह्वयं ज्योतिरासंसारं न दीप्यते॥
- ३ नळिनीदळगतजलमपि तरळं
तद्वज्जीवितमतिशयचपलम्।
विद्धि व्याध्यभिमानग्रस्तं
लोकं शोकहतं च समस्तम्॥
- ४ अधमाः धनमिच्छन्ति धनं मानं च मध्यमाः।
उत्तमाः मानमिच्छन्ति मानो हि महतां धनम्॥
- ५ अयं निजः परो वेति गणना लघुचेतसाम्।
उदारचरितानां तु वसुधैव कुटुम्बकम्॥
- ६ मूढ जहीहि धनागमतृष्णां
कुरु सद्बुद्धिं मनसि वितृष्णाम्।
यल्लभसे निजकर्मोपात्तं
वित्तं तेन विनोदय चित्तम्॥
- ७ उद्यमेन हि सिद्ध्यन्ति कार्याणि न मनोरथैः।
न हि सुप्तस्य सिंहस्य प्रविशन्ति मुखे मृगाः॥
- ८ उपकारोऽपि नीचानामपकाराय वर्तते।
पयःपानं भुजङ्गानां केवलं विषवर्धनम्॥
- ९ श्रूयतां धर्मसर्वस्वं
श्रुत्वा चापि विचार्यताम्।
आत्मनः प्रतिकूलानि
परेषां न समाचरेत्॥
- १० श्रोत्रं श्रुतेनैव न कुण्डलेन
दानेन पाणिर्न तु कङ्कणेन।
विभाति कायः करुणापराणां
परोपकारेण न चन्दनेन॥
- ११ पद्माकरं दिनकरो विकचीकरोति
चन्द्रो विकासयति कैरवचक्रवाळम्।
नाभ्यर्थितो जलधरोऽपि जलं ददाति

सन्तस्स्वयं परहिते विहिताभियोगाः ।।

- १२ परोपकाराय फलन्ति वृक्षाः
परोपकाराय वहन्ति नद्यः ।
परोपकाराय दुहन्ति गावः
परोपकारार्थमिदं शरीरम् ।।
- १३ छिन्नोऽपि रोहति तरुः क्षीणोऽप्युपचीयते पुनश्चन्द्रः ।
इति विमृशन्तस्सन्तप्यन्ते न विश्लथेषु लोकेषु ।।
- १४ काव्यशास्त्रविनोदेन कालो गच्छति धीमताम् ।
व्यासनेन च मूर्खाणां निद्रया कलहेन वा ।।
- १५ रूपयौवनसम्पन्ना विशालकुलसम्भवाः ।
विद्याहीना न शोभन्ते निर्गन्धा इव किंशुकाः ।।

Essential Reading:

- 1) Sabdamanjari Published by R.S. Vadhyar & Sons, Palakkad, Kalpathi
Selected portions
- 2) Dhaturupamanjari Published by R.S. Vadhyar & Sons, Palakkad, Kalpathi
Selected portions
- 3) आख्यातचन्द्रिका of Bhattamalla -Selected portions
- 4) Amarakosa – Selected portions
- 5) अभ्यासदर्शिनी published by Samskritabharati, Bangalore

Additional reading:

- 1) *Dhatupatha* of Panini
- 2) *Sambhashanasopanam* published by Samskritabharati, Bangalore
- 3) *Teach yourself Sanskrit* by Rashtriyasanskrit Sansthan
- 4) **Amarakosa** with the commentary Amaram Paramesvary

MAHATMA GANDHI UNIVERSITY

Restructured Syllabus –CBCSS

B.A. Programme in Sanskrit (Special) Vyakarana.

(2017 Admission onwards)

SEMESTER I

Complementary-I JYŌTISSASTRAPARICAYAH

Credit 3

Contact Hours 72

Aim of the course:

भारतीयविज्ञाने ज्योतिषशास्त्रस्य माहात्म्यं प्राधान्यं च प्रत्यभिज्ञायेते।
ज्योतिषशास्त्रस्वरूपं राशिग्रहादीनां सामान्यपरिचयं च प्राप्नोति।

Objectives of the course:

1. ज्योतिषशास्त्रस्वरूपं महत्त्वं च जानाति।
2. राशिपरिचयो भवति।
3. ग्रहाणां नक्षत्राणां च परिचयः सम्भवति।
4. पञ्चाङ्गविषयं जानाति।

Course outline:

- Module I - ज्योतिषप्रशंसा – ज्योतिषस्य वेदाङ्गत्वम् -नेत्रस्थानम्।
Module II - द्वादश राशयः तेषामधिपाः तत्र नक्षत्रविन्यासः च।
Module III - राशिभावभेदः ,भावसंज्ञा ,कूरादिसंज्ञाश्च।
Module IV - पञ्चाङ्गप्रयोजनम्, तिथि-वासर-नक्षत्र-योग-करणानां
परिचयश्च

Essential Reading:

- Module I - प्रश्नमार्गः (एटक्काट् नम्बूतिरी)प्रथमाध्याये आद्याः 12 श्लोकाः।
Module II-III- जातकादेशस्य प्रथमाध्यायः।
Module IV - शिशुबोधः - (दैवज्ञकलाधरशर्मा)आद्याः नव कारिकाः।

General Reading:

- | | | | |
|----|------------|----|-------------------|
| 1. | पञ्चबोधः। | .2 | ज्योतिषप्रवेशिका। |
| .3 | लघुजातकम्। | .4 | ताजिकनीलकण्ठी। |

MAHATMA GANDHI UNIVERSITY

Restructured Syllabus -CBCSS

B.A. Programme in Sanskrit (Special) Vyakarana.

(2017 Admission onwards)

SEMESTER I

Grammatical Systems in Sanskrit - Paniniyan & Others

Complementary II

Credits 03

Contact hours 72

Aim of the Course: To make the students aware of the various systems of Sanskrit grammar.

Objectives of the Course:

To introduce older systems of Sanskrit grammar.

To make them aware of the Paniniyan System of Sanskrit grammar.

To give them information on the different works and authors in the Sanskrit grammar.

Module1 : Grammatical speculations in India Aindra Vyakarana, Candragomin and work, Jainendra School, The Sakatayana School, The Hemacandra School, The Katantra School, The Saraswata School, The School of Bopadeva, Jaumara School of Kramadeeswara, The Saupadma School.

Module II: The Paniniyan School-Panini, Katyayana, Patanjali, Bhartrhari.

Module III: Kasika vritti, Pradipa, Padamanjari, Nyasa, Udyota.

Module IV: Sesakrsna, Bhattoji Diksita, Hari Diksita, Kaundabhatta, Nagesabhatta

Module V: Vasudeva Diksita, Achuta Pisharoti of Trikkandiyoor, Melputtur Narayana Bhatta Pada.

Essential Reading: Systems of Sanskrit Grammar - S.K. Belvalkar.(Selected Portions)

Additional Reading: Vyakarana Sastra ka brhat itihas - Yudhisthira Mimamsaka.

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Restructured Syllabus -CBCSS

B.A. Programme in Sanskrit (Special) Vyakarana.

(2017 Admission onwards)

SEMESTER II

Core II Sidhantakaumudi –I

पञ्चसन्ध्यन्तो भागः

Credits 3

Contact Hours 72

Aim of the course

To introduce the rules of Sandhi to the students

Objectives of the Course.

To help the students to acquire the necessary precise knowledge of the rules on Sandhi

Course Outline.

Module I –An introduction to the Alphabets in the Sanskrit Language and the particular setting of the letters so as to form abbreviations. संज्ञाप्रकरणं, परिभाषाप्रकरणं .

Module II –The following sutras in the ac-sandhi prakaranam. इको यणचि, तस्मिन्निति निर्दिष्टे पूर्वस्य, स्थानेऽन्तरतमः, अनचि च, झलां जश् झशि, संयोगान्तस्य लोपः, एचोऽयवायावः, वान्तो यि प्रत्यये, आद् गुणः, वृद्धिरेचि, एत्येधत्यूहसु, उरण् रपरः, लोपः शाकल्यस्य, उपसर्गादिति धातौ, खरवसानयेर्विसर्जनीयः, अकः सवर्णे दीर्घः, शकन्ध्वाधिषु पररूपं वाच्यं, एङि पररूपं, ओमाङोश्च, एङः पदान्तादिति, सर्वत्र विभाषा गोः, अवङ् स्फोटायनस्य, इन्द्रे च, दूराद्धूते च प्लुतप्रगृह्या अचि नित्यं, ऋत्यकः, ईदूदेद्विचनं प्रगृह्यं, अदसो मात्, निपात एकाजनाङ्, ओत् ।।

Module III – स्तोः श्चुना श्चुः, घुना घुः, न पदान्ताटोरनाम्, झलां जशोऽन्ते, यरोऽ नुनासिकेऽ नुनासिको वा, तोर्लि, उदस्थास्तम्भोः पूर्वस्य, खरि च, झयो हो न्यतरस्यां, शश्छोऽ टि, मोऽ नुस्वारः, नश्चापदान्तस्य झलि, अनुस्वारस्य ययि परसवर्णः, वा पदान्तस्य, यथासंख्यमनुदेशः समानाम्, डः सि धुट्, शि तुक्, समः सुटि, अत्रानुनासिकः पूर्वस्य तु वा, अनुनासिकात्परोऽनुस्वारः, नश्छव्यप्रशान्, छे च, दीर्घात्, पदान्ताद्वा ।।

Module IV – विसर्जनीयस्य सः, वा शरि, ससजुषो रुः, अतो रोरप्लुतादप्लुते, हशि च, भो भगो अघो अपूर्वस्य योऽशि, हलि सर्वेषां, रोऽसुपि, रोरि, द्रलोपे पूर्वस्य दीर्घोऽणः, ढो ढे लोपः, विप्रतिषेधे परं कार्यं, एतत्तदोः सुलोपोऽकोरनञ्समासे हलि, सोऽचि लोपे चेत्पादपूरणम् ।।

Essential Reading.

1. Vaiyakarana Siddhanta kaumudi (Selected Portions).

Reference-

1. Prakriya sarvaswam .2.Kasikavritti. 3. BalamanoramaCommentary of Bhattojidikshida

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SEMESTER-II

COMPLEMENTARY NYAYA

Basics of Nyaya Vaisesika Philosophy

Complementary III

Credit 3

Contact hours 72

Aim of the Course

To enable the students to understand the basics in Nyaya Vaisesika Philosophy.

Objectives of the Course

1. General understanding of the categories in Nyaya- Vaisesika Philosophy
2. To enable the students to understand the means and objects of valid knowledge
3. To create general awareness in Verbal knowledge
4. The essential condition of verbal cognition.

Course Outline

Module – I: Division of the categories

Module - II: Definitions of the categories

Module – III: Definitions of inference, cause and fallacies etc.

Module – IV: Definitions Verbal Testimony and its detailed study.

Essential Reading

Tarkasamgraha of Annambhatta with Deepika on Sabdakhanda only

General Reading

Tarkasara of P. S. Anantanarayana Sastri

Tarkamrita of Jagadisabhattacharya

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SEMESTER-II

Complementary IV

FUNDAMENTAL LINGUISTICS

Credits 3

No of Contact hours 72

Aim of the Course: Awareness of Modern Linguistics

Objectives: To impart information to the students so that their interest in modern Linguistics will be kindled.

Course Outline

Module 1: Nature and scope of Linguistics. Aim and objectives, branches of the Science .Origin and development of languages, Theories relating to the origin and development of Languages .Classifications-Morphological, Genealogical, organic and inorganic Languages.

Module II: Indo European Family of Languages. Common characteristic features of Indo European Languages. Centum and Satam groups of Languages.

Module-III- Linguistic Changes-Classification of Phonetic Changes, Causes of Phonetic Change, Analogy and its varieties, some specific Phonetic changes-Vocalisation Diphthogisation etc.

Module IV Semantic Changes-Classification of Semantic Change, Main Causes of Semantic Change.

Essential Reading- Comparative philology of T.K.Ramachandra Aiyar.

Additional Reading- 1. Linguistics of Sreemannarayana Murthi.

2. Language of Bloom field.

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SEMESTER-III

**Common for Sanskrit (Special) Subjects
Nyaya, Sahitya, Jyothisha, Vedanta & Vyakarana**

CORE III SANSKRIT & INFORMATICS

Credit 4

Contact Hours 90

Aim of the Course:

To introduce students the use of Information Technology and thus enable them to utilize digital knowledge resources.

Objective of the Course:

- ❖ To review the basic concepts and functional knowledge in the field of informatics.
- ❖ To know the applications of IT in various fields.
- ❖ To impart the techniques of programming.
- ❖ To impart skills to enable students to use digital knowledge resources in learning.

MODULE I

Introduction to Computers

What are computers? – Block diagram of computer – Input & Output devices - Storage devices – Evolution of computers - Generation of computers - Classification of computers - Low level and High level languages - Overview of Operating System -Software concepts - System and Application software packages - Language Translators – Algorithm – Flowchart - Decision Tables - Pseudo Code.

MODULE II

Application of Information technology in higher education & society

Information System (Data, Information, Knowledge & Knowledge Management) - Academic search techniques - Introduction to academic websites - Introduction to use of IT in Teaching and Learning - Introduction to Educational software & academic services - INFLIBNET, NICNET, BRNET - E-Governance - E-commerce - IT in Research & Development - IT in Publishing - IT & Electronic media – Cyber Law -Cyber Crime - Cyber Security - Cyber Threats.

MODULE III

C programming & DBMS

Data types – Variables – Constants – Operators – Expressions – Assignments - Control Statements – Arrays –Functions - Basic concepts of Database Management Systems.

MODULE IV

Software Lab is used for the following:

Windows – Folders – Files - Ms Office (Ms Word, Ms Excel, Ms Power Point) -Internet – Email - Internet Access Methods (Dial Up, DSL, Cable, ISDN, Wi-Fi) - Key board layout for Sanskrit - Natural languages & Computer languages - Unicode – Installing Fonts – Unicode Typing in Devanagari Scripts – Typing Tools and Software.

Recommended Books/Readings:

1. “Fundamentals of Information Technology”- Alex Leon & Mathew Alex Leon, Leon Tech World 1999.
2. “Working with C”- Y.Kanetkar.
3. “Sanskrit Informatics” – R. Raman Nair & L. Sulochana Devi.
4. Websites:- Google, Wikipedia, Sanskrit.du.ac.in, Unicode.org
5. Teacher’s notes and handout

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SEMESTER-III

COMPLEMENTARY VEDANTA – VEDANTAPARICHAYA

(ATMABODHA)

Complementary V

Credits 4

Contact hours 90

Aim of the Course:

The purpose of this course is to impart significance of self-knowledge in Advaita Vedanta.

Objectives of the Course:

To enable the students to discriminate the Atman from the material world. To achieve the knowledge about the Nature of Brahman.

To enable the students to have an advanced knowledge in the theory of Moksha in Advaita Vedanta.

Course Outline

Module I: Nature of knowledge, falsity of the material world.

Module II: Limiting adjuncts (Upadhis), Pancakosa, Adhyasa

Module III: Nature of Brahman, Brahma-Bhavana, Nature of Jivanmukta.

Module IV: Nature of Brahman, Jiva Brahmaikya

Essential Reading

Atmabodha

Additional Reading

1. Vivekacudamani of Sankaracharya
2. Aparokshanubhuti of Sankaracharya.

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III SEMESTER

COMPLEMENTARY - SIDDHANTHAKAUMUDI SAMASAPRAKARANA

Complementary VI

Credits 4

Contact hours 90

Aim of the course

To make the students capable of understanding the Paniniyan Sutras in such a way that they are drawn nearer to the practical application of the rules they learn.

Objectives of the Course

To understand the style of the author.

To understand the Sastra in an easier way, that is in verses, which enables the student to remember the text very easily.

Module I - अव्ययीभावसमासः सम्पूर्णः

Module II - तत्पुरुषः to खट्वा क्षेपे , तृतीया तत्कृतार्थेन to पञ्चमी भयेन , षष्ठी,

नित्यं क्रीडाजीविकयोः to अर्धम् नपुंसकम् , दिक्संख्ये संज्ञायाम् to द्विगुरेकवचनम्,

उपमानानि सामान्यवचनैः to विशेषणं विशेष्येण बहुलम्, तत्पुरुषः समानाधिकरणः

कर्मधारयः , मयूरव्यंसकादयश्च, नञ्, नलोपो नञः, तस्मान्नुडचि, कुगतिप्रादयः, तत्रोपपदं

सप्तमीस्थम्, उपपदमतिङ्, अहः सर्वैकदेशसंख्यातपुण्याच्च रात्रेः , राजाः सखिभ्यष्टच्,

आन्महतः समानाधिकरणजातीययोः, स नपुंसकम्

Module III शेषो बहुव्रीहिः **to** स्त्रियाः पुंवद्भाषितपुं ,--अप्पूरणीप्रमाण्योः ,-- बहुव्रीहौ सक्थ्यक्ष्णोः ,
द्वित्रिभ्यां षः ,--अन्तर्बहिभ्यो च लोम्नः पादस्य ,लोपोहस्त्यादिभ्यः ,उद्विभ्यां काकुदस्य ,संख्यासुपूर्वस्य ,
शेषाद्विभाषा ,निष्ठा ,इणः षः ,कस्कादिषु च ,उरःप्रभृतिभ्यः कप् ,सोपदादौ ,सुहृद्दृहृदौ मित्रामित्रयोः ,पूर्णाद्विभाषा

Module IV : चार्थे द्वन्द्वः **to** द्वन्द्वाच्चुदषहान्तात्समाहारे च

Essential Reading

1) Vaiyakarana Siddhantakaumudi Samasaparakarana (selected sutras)

Reference

Prakriyasarvasvam of Melputtur Narayana Bhattathiri

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SEMESTER -IV

Siddhantha kaumudi- I1

(Selected Sutras&prakriyas from Ajanthapumlinga,
Strilinga & Napumsakalinga)

CORE IV

Credits 4

Contact hours 9 0

Aims of Course : To equip the students with the techniques to be applied in studyin grammar.

Objectives of the Course:

Introduction of the terms and rules of interpretation to the students. Imparting knowledge of the rules relating to Sandhi and some rules used in the word formation

Module I-- अर्थवदधातुरप्रत्ययःप्रातिपदिकम् to आतो धातोः

Module II -- जसि च to त्रेस्त्रयः, तृज्वत्क्रोष्टुः- to औतो/मिशसोः।

Module III- औड आपः to न षट्स्वसादिभ्यः

Module IV- अतोऽम्- to एच इग्घ्रस्वादेशे

Module V- The technical process - (prakriya) to derive various forms from select stems

Masculine: राम, सर्व, विश्वपा, हरि, पति, सखि, गुरु, क्रोष्टु, पितृ, धातृ, गो।।

Feminine: रमा, सर्वा, मति, गौरी, लक्ष्मी, स्त्री, श्री, मातृ, स्वसृ, गो, नौ।।

Neuter: वन, वारि, मधु

Essential Reading:

Vaiyakaranasiddhantakaumudi of BhattojiDikshita (selected Portions)

Additional Reading:

Madhyasiddhantakaumudi of Varadaraja

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SEMESTER-IV

Credits 4

Complementary Sahitya

An Introduction to Indian Aesthetics

Complementary VII

No. of contact hours 90

Aim of the Course

The Course is intended to introduce the important Alankaras & Vrttas in Sanskrit poetics.

Objectives of the Course

To help the student get acquainted with the Alankaras and Vrttas

To enable the student to understand the role of Alankaras and Vrttas in Poetry

To make them equipped with necessary information on Alankaras and Vrttas, so that they amuse themselves while reading kavyas.

COURSE OUTLINE

Module 1

A general introduction to the literary theories in Sanskrit especially the Alankara School. General features of Kuvalayananda and date & works of the author, Appayyadikshita.

Module 2

The following 25 Alankaras with subdivisions from Kuvalayananda (with out vrtti.)

1. Upama 2. Rupakam 3. Utpreksha 4. Atisayokti 5. Samasokti 6. Aprastutaprasamsa
7. Nidarsana 8. Vyajastuti 9. Slesha 10. Smrthi 11. Bhranti 12. Sandeha 13. Deepakam
14. Ullekha 15. Apahnuti 16. Drshtanta 17. Virodhabhasa 18. Svabhavokti 19. Vyatireka
20. Arthantharanyasa 21. Viseshokti 22. Vibhavana 23. Kavyalinga 24. Akshepa
25. Parikara

Module 3

A general introduction to the Vrttasastra ,its importance in Kavya. General features Vrttaratnakara.

Module 4

The following 20 Vrttas from Vrttaratnakara

1. Anustup 2. Indravajra 3. Upendravajra 4. Upajati 5. Vasantatilakam 6. Vamsastham
7. Sikharini 8. Mandakranta 9. Sragdhara 10. Viyogini 11. Sardoolavikreeditam
12. Puspitagra 13. Bhujankaprayatam 14. Malini 15. Arya 16. Geeti 17. Rathodhata 18. Prithvi 19. Harini 20. Totakam

.Essential Reading:

1. Kuvalayananda of Appayyadikshita (Vrttirahita) with the commentary of *Samanvaya* of T.K.Ramachandra Iyer.
2. Vrttaratnakara of Bhattakedara.

Additional Reading

1. Kuvalayananda of Appayyadiksita with the commentary of Alankarachandrika of Vaidyanathasuri.
2. Kavyaprakasa of Mammata.
3. Chandraloka of Jayadeva.

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SEMESTER -IV

PARIBHASHENDUSEKHARA

(Thirty Paribhashas from

Nageshabhatta's Paribhashendushekhara)

Complementary-VIII

Credit 4

Contact Hours 90

Aims and objectives

To help students to explain the meaning of the rules when two or more Prescriptive rules happen to occur simultaneously. To enable students to have a thorough knowledge of the important paribhashas.

Module I - व्याख्यानतो विशेषप्रतिपत्तिर्नाहि संन्देशादलक्षणम्। यथोद्देशं संज्ञापरिभाषम्, कार्यकालसंज्ञापरिभाषम्, अनेकान्ताः अनुबन्धाः, एकान्ताः, नानुबन्धकृतमनेकालत्वम्, नानुबन्धकृतमनेजन्तत्वम्, नानुबन्धकृतमसारूप्यम्, कृत्रिमाकृत्रिमयोः कृत्रिमे कार्यसंप्रत्ययः, उभयगतिरिह भवति,

Module II कार्यमनुभवन् हि कार्यो निमित्ततया नाश्रीयन्ते, यदागमास्तद्गुणीभूतास्तद्ग्रहणेन गृह्यन्ते, निर्दिश्यमानस्यादेशा भवन्ति, यत्रानेकविधमान्तर्यं तत्र स्थानत आन्तर्यं बलीयः, अर्थवद्ग्रहणे नानर्थकस्य ग्रहणम्, गौणमुख्ययोर्मुख्ये कार्यसम्प्रत्ययः, अनिनस्मिन् ग्रहणान्यर्थवता चानर्थकेन च तदन्तविधिं प्रयोजयन्ति,

Module III एकयोगनिर्दिष्टानां सह वा प्रवृत्तिः सह वा निवृत्तिः, एकयोगनिर्दिष्टानां क्वचिदेकदेशोऽप्यनुवर्तते।, भाव्यमानेन सवर्णानां ग्रहणं न।, भाव्यमानोऽप्युकारः सवर्णान् गृह्णाति।,

वर्णाश्रये नास्ति प्रत्ययलक्षणम् ।, उणादयोऽव्युत्पन्नानि प्रातिपदिकानि ।, प्रत्ययग्रहणे यस्मात्स
विहितस्तदादेस्तदन्तस्य ग्रहणम् ।

Module IV प्रत्ययग्रहणे चापञ्चम्याः ।, उत्तरपदाधिकारे प्रत्ययग्रहणे न तदन्तग्रहणम् । स्त्रीप्रत्यये
चानुपसर्जने न । संज्ञाविधौ प्रत्ययग्रहणे तदन्तग्रहणं नास्ति । कृद्ग्रहणे गतिकारकपूर्वस्यापि ग्रहणम् ।
पदाङ्गाधिकारे तस्य च तदन्तस्य च ।

.Essential Reading: Paribhashendusekhara of Nagesabhatta

Reference: The Gada commentary of Sree Vaidyanathapayagunte on
Paribhashendushekhara.

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SEMESTER-V

Siddhantakaumudi-III

Halantasabdaparcaya. (Selected portion)

हलन्तपुल्लिङ्गप्रकरणम्, स्त्रीलिङ्गप्रकरणम्

CORE -V

नपुंसकलिङ्गप्रकरणञ्च(वैयाकरणसिद्धान्तकौमुदी)

Credit 4

Contact Hours 108

Aim of the Course.

Knowledge of various case ending forms of the stems endings in consonant.

Objectives of the course.

The students of the course properly understand the use of words of Halanta base

Course Outline.

Module I The following sutras of हलन्त पुल्लिङ्ग प्रकरणम् – हो ढः, दादेर्धातोर्घः, एकाचो बशो भष्, झषन्तस्य स्ध्वोः, इग्यणः सम्प्रसारणम्, वाह ऊङ्, सम्प्रसारणाच्च, चतुरनडुहोरामुदात्तः, सावनडुहः, अम् संबुद्धौ, वसुसंसुध्वंस्वनडुहां दः, सहेः साडः सः, दिव औत्, दिव उत्, षड् चतुर्भ्यश्च, रोःसुपि, शरोऽचि, किमः कः, इदमो मः, इदोऽय् पुंसि, दश्च, अनाप्यकः, हलि लोपः, नानर्थकेऽलोन्त्यविधिरनभ्यासविकारे(वार्तिकम्), आद्यन्तवदेकस्मिन्, नेदमदसोरकोः, न डि सम्बुद्धयोः, न लोपः सुप्स्वरसंज्ञातुग्विधिषु कृतिः, हलि च, न संयोगाद्वेमन्तात्, इन्हन्पूषार्थम्णाशौ, सौ च, हन्तेः, हो हन्तुञ्जिम्नेषु, मघवा बहुलम्, उगिदचां सर्वनामस्थानेधातोः, श्रयुवमघोनामतद्धिते, पथिमन्यृभुक्षामात्, इतोऽत्सर्वनामस्थाने, थोऽन्थः, भस्य टेलोपः, ष्णान्ता षट् । The case ending forms of लिह्, दुह्, विश्ववाह्, अनडुह्, सुदिव्, राजन्, वृत्रहन्, मघवन्, पथिन्, पञ्चन् ।

Module II – अष्टन आ विभक्तौ, अष्टाभ्य औश्, त्यदादीनामः, तदोः सः सावनन्त्ययोः, डे प्रथमयोरम्, मपर्यन्तस्य, त्वाहौ सौ, शेषे लोपः, युवावौ द्विचने, प्रथमयाश्च द्विवचने भाषायां, यूयवयौ जसि,

त्वमावेकवचने, द्वितीयायां च, शसो न, योऽचि, युष्मदस्मदोरनादेशे, तुभ्यमह्यो ड्यि, भ्यसो भ्यम्, एकवचनस्य च, पञ्चम्या अत्, तवममौ डसि, युष्मदस्मद्भ्यां डसोऽश्, साम आकम्, पदस्य, पदात्, अनुदात्तं सर्वमपादादौ, युष्मदस्मदोः षष्ठीचतुर्थीद्वितीयास्थयोर्वानावौ, बहुवचनस्य वस्जसौ, तेमयावेकवचनस्य, त्वामौद्वितीयायाः, वसोः संप्रसारणम्, अदस औ सुलोपश्च, अदसोऽसेर्दादुदोमः, एत ईद्वहुवचने, न मुने ॥ The case ending forms of अष्टन्, युष्मद्, अस्मद्, महत्, विद्वस्, चतुर्, इदम्, किम्, तत्, अदस् (6-10 in all lingas)

Module III – हलन्तस्त्रीलिङ्गप्रकरणं । The case ending forms of अप्, दिश्, स्रज्, ।

Module IV – हलन्त नपुंसकलिङ्गप्रकरणम् । The case ending forms of ब्रह्मन्, अहन्, पयस् ।
Essential Reading.

VaiyakaranaSiddhantaKaumudi- Halanta Pullinga Prakarana, streelinga Prakarana and
Napumsa ka Linga Prakarana. (Selected Portions)

Reference- Kasikavritti, Prakriyasarvaswam.

MAHATMA GANDHI UNIVERSITY

Restructured Syllabus -CBCS

B.A. Programme in Sanskrit (Special) Vyakarana

(2017Admission onwards)

Semester-V

SIDDHANTA KAUMUDI-IV-TADDHITAPARICAYA

Core-VI (Selected Portion)

Credits-4

Contact hours-90

Aim of the course-

To introduce the Thaddhita Suffixes and their usage to the students.

Objectives of the course.

To make the students acquainted with the various suffixes coming under the head Taddhitas.

To make the students capable to forming Taddhita forms for any given nominal stems and of any sense conveyable by the Taddhita suffixes.

To make them understand the rules relating to the Taddhita suffixes and the applications of the said rules.

To make the students understand the techniques of word formation with Taddhita suffixes and then to recognize any such forms in use.

Course outline

Module-I-

अपत्याधिविकारान्तार्थसाधारणप्रत्ययाः -समर्थानां प्रथमाद्वा, अश्वपत्यादिभ्यश्च, दित्यदित्यादित्यपत्युत्तर-पदाण्यः, हलो यमां यमि लोपः, किति च, उत्सादिभ्योऽञ्।।

अपत्याधिकारप्रकरणम्- स्त्रीपंसाभ्यां नञ्स्नजौ भवनात्, तस्यापत्यम्, ओर्गुणः, अपत्यं पौत्रप्रभृति गोत्रम्, एको गोत्रे, गर्गादिभ्यो यञ्, यञ्जोश्च, जीवति क्षु वंशये युवा, गोत्राद्यून्यस्त्रियाम्, यञ्जोश्च, आयनेयीनीयियः फढखछघां प्रत्ययादीनाम्, अत इञ्, बाह्वादिभ्यश्च, अनृष्यानन्तर्ये विदादिभ्योऽच्,

शिवादिभ्योऽण्, ऋष्यन्धकवृष्णिकुरुभ्यश्च, मातुरुत्संख्यासम्भद्रपूर्वायाः, स्त्रीभ्यो ढक्, कन्यायाः कनीन च, राजश्वशुराद्यत्, ये चाऽभावकर्मणोः, अन्, क्षत्राद्धः, रेवत्यादिभ्यष्टक्, ठस्येकः, जनपदशब्दात्क्षत्रियादञ्, कुरुणादिभ्यो ण्यः, ते तद्राजाः, तद्राजस्य बहुषु तेनैवास्त्रियाम्, कम्बोजाल्लुक् ।।

रक्ताद्यर्थप्रकरणम्- तेन रक्तं रागात्, नक्षत्रेण युक्तः कालः, लुबविशेषे, दृष्टं साम, वामदेवाड्ङ्यड्ङ्यौ, परिवृतो रथः, तत्रोद्धतममत्रेभ्यः, संस्कृतं भक्षाः, साऽस्य देवता, शुक्राद्धन्, सोमाट्ठ्यण्, वाय्वृतुपित्रुषसो यत्, रीङ्ऋतः, पितृव्यमातुलमातामहपितामहाः, तस्य समूहः, भिक्षादिभ्योऽण्, इनण्यनपत्ये, ग्रामजनबन्धुभ्यस्तल्, अचित्तहस्तिधेनोष्ठक्, इसुसुक्तान्तात्कः, तदधीते तद्वेद, न य्वाभ्यां पदान्ताभ्यां पूर्वौ तु ताभ्यामैच्, क्रमादिभ्यो वुन् ।

Module-II

चातुरार्थिकप्रकरणम्- तदस्मिन्नस्तीति देशे तन्नाम्नि, तेन निर्वृत्तम्, तस्य निवासः, अदूरभवश्च, जनपदे लुप्, लुपि युक्तवद्व्यक्तिवचने, वरणादिभ्यश्च, कुमुदनडवेतसेभ्यो ड्मत्तुप्, झयः, मादुपधायश्च मतोर्वोऽयवादिभ्यः, नदशादाड्ङ्वलच्, शिखाया वलच् ।।

शैषिकप्रकरणम्- शेषे, राष्ट्राऽवारपाराद्धखौ, ग्रामाद्यखजौ, नद्यादिभ्यो ढक्, दक्षिणापश्चात्पुरसस्त्यक्, द्युप्रागपागुदक्प्रतीचो यत्, अव्ययात्यप्, वृद्धिर्यस्याचामादिस्तद्वृद्धम्, त्यदादीनि च, वृद्धाच्छः, गहादिभ्यश्च, युष्मदस्मदोरन्यतरस्यां खञ् च, तस्मिन्नणि च युष्माकाऽस्माकौ, तवकममकावेकवचने, प्रत्ययोत्तरपदयोश्च, मध्यान्मः, कालाट्ठञ्, प्रावृष एण्यः, साखिरम्प्राह्नेप्रगेऽव्ययेभ्यष्ट्युट्युलौ तुट् च, तत्र जातः, प्रावृषष्ठप्, प्रायभवः, संभूते, कोशाड्ढञ्, तत्र भवः, दिवादिभ्यो यत्, शरीरावयवाच्च, अनुशतिकादीनां च, जिह्वामूलाङ्गुलेश्छः, वर्गान्ताच्च, तत आगतः, ठगायस्थानेभ्यः, विद्यायोनिस्मन्धेभ्यो वुञ्, हेतुमनुष्येभ्योऽन्यतरस्यां रूप्यः, मयट् च, प्रभवति, तद्गच्छति पथिदूतयोः, अभिनिष्क्रामति द्वारम्, अधिकृत्य कृते ग्रन्थे, सोऽस्य निवासः, तेन प्रोक्तम्, तस्येदम् ।।

प्राग्दीव्यतीयप्रकरणम्।- तस्य विकारः, अवयवे च प्राणयोषधिवृक्षेभ्यः, मयड्वैतयोर्भाषायामभक्ष्याच्छादनयोः, नित्यं वृद्धशरादिभ्यः, गोश्च पुरीषे, गोपयसोर्यत् ।।

प्राग्वहतीयप्रकरणम्- प्राग्वहतेष्ठक्, तेन दीव्यति खनति जयति जितम्, संस्कृतम्, तरति, चरति, संसृष्टे, उञ्छति, रक्षति, शब्ददर्दुरं करोति, धर्मं चरति, शिल्पम्, प्रहरणम्, शीलम्, निकटे वसति ।।

Module-III

प्राग्घितीयप्रकरणम्- प्राग्घिताद्यत्, तद्वहतिरथयुगप्रासङ्गम्, घुरो यड्ढकौ, न भकुर्छुराम्, नौवयोधर्मविषमूलमूलसीतातुलाभ्यस्तार्यतुल्यप्राप्यवध्याऽऽनाम्यसममितसमितेषु, तत्र साधुः, सभाया यः ।।

छयद्विधिप्रकरणम्- प्राक्क्रीताच्छः, उगवादिभ्यो यत्, तस्मै हितम्, शरीरावयवाद्यत्, आत्मन्विश्वजनभोगोत्तरपदात्खः, आत्माध्वानौ खे ।।

तद्धितार्ह्यप्रकरणम्- प्राग्वतेष्ठञ्, तेन क्रीतम्, सर्वभूमिपृथिवीभ्यामणजौ, तस्येश्वरः, पङ्क्तिविंशतित्रिंशच्चत्वारिंशत्पञ्चाशत्षष्टिसप्तत्यशीतिनवतिशतम्, तदर्हति, दण्डादिभ्यो यत्, तेन निर्वृत्तम् ।।

भावमार्थप्रकरणम्- तेन तुल्यं क्रिया चेद्वतिः, तत्र तस्येव, तस्य भावस्त्वतलौ, आ च त्वात्, पृथ्वादिभ्य इमानिज्वा, र ऋतो हलादेर्लघोः, टेः, इगन्ताच्च लघुपूर्वात्, वर्णदृढादिभ्यः ष्यञ् च, गुणवचनब्राह्मणादिभ्यः कर्मणि च, सख्युर्यः, कपिज्ञात्योर्ढक्, पुरोहितादिभ्यो यक् ।।

पाञ्चमिकप्रकरणम्- धान्यानां भवने क्षेत्रे खञ्, व्रीहिशालिभ्योर्ढक्, हैयङ्गवीनं संज्ञायाम्, तदस्य सञ्जातं तारकादिभ्य इतच्, प्रमाणे द्वयसज्जधन्ज्मात्रचः, यत्तदेतेभ्यः परिमाणे वतुप्, किमिदम्भ्यां वो घः, इदंकिमोरीशकी, संख्याया अवयवे तयप्, द्वित्रिभ्यां तयस्याऽयज्वा, उभादुदात्तो नित्यम्, तस्य पूरणे डट्, नान्तादसंख्यादेर्मट्, ति विंशतेर्डिति, षट्कतिकतिपयचतुरा थुक्, द्वेस्तीयः, त्रेः सम्प्रसारणं च, श्रोत्रियं श्छन्दोऽधीते, पूर्वादिनिः, सपूर्वाच्च, इष्टादिभ्यश्च ।।

Module-IV

मत्वर्थीयप्रकरणम्- तदस्यास्त्यस्मिन्निति मतुप्, तसौ मत्वर्थे, प्राणिस्थादातो लजन्यतरस्याम्, लोमादिपामादिपिच्छादिभ्यः शनेलचः, दन्त उन्नत उरच्, केशाद्वोऽन्यतरस्याम्, अत इनिठनौ, व्रीह्यादिभ्यश्च, अस्मायामेधास्रजो विनिः, वाचो ग्मिनिः, अर्श आदिभ्योऽच्, अहंशुभमोर्युस् ।।

प्राग्दिशीयप्रकरणम्- प्राग्दिशो विभक्तिः, किंसर्वनामबहुभ्योऽद्व्यादिभ्यः, पञ्चम्यास्तसिल्, कु तिहोः, इदम इश्, अन्, पर्यभिभ्यां च, सप्तम्यास्त्रल्, इदमो हः, किमोऽत्, क्वाति, इतराभ्योऽपि दृश्यन्ते, सर्वैकान्यकिंयत्तदः काले दा, सर्वस्य सोऽन्यतरस्यां दि, इदमोर्हिल्, एतेतौ रथोः, अनद्यतने हिलन्यतरस्याम्, एतदः, प्रकारवचने थाल्, इदमस्थमुः, किमश्च ।।

प्रागिवीयप्रकरणम्- अतिशयने तमबिष्ठनौ, तिङश्च, तरप्तमपौ घः, किमेत्तिङव्ययघादाम्बद्रव्यप्रकर्षे, द्विवचनविभज्योपपदे तरबीयसुनौ, प्रशस्यस्य श्रः, प्रकृत्यैकाच्, ज्यच, ज्यादादीयसः, बहोर्लोपो भू च बहोः, इष्टस्य यिट् च, विन्मतोर्लुक्, ईषदसमाप्तौ कल्पब्देश्यदेशीयरः, विभाषा सुपो बहुच् पुरस्तात्तु, प्रागिवात्कः, अव्ययसर्वनाम्नामकच् प्राक् टेः, अज्ञाते, कुत्सिते, किंयत्तदोर्निर्धारणे द्वयोरेकस्य डतरच्, वा बहूनां जातिपरिप्रश्ने डतमच् ।।

स्वार्थिकप्रकरणम्- इवे प्रतिकृतौ, प्रातिपदिकेभ्यः स्वार्थे कन्, तत्प्रकृतवचने मयट्, प्रज्ञादिभ्यश्च, बह्वल्परार्थाच्छस्कारकादन्यतरस्याम्, कृभ्वस्तियोगे संपद्यकर्तरि च्विः, अस्य च्वौ, विभाषा साति कास्न्ये, सात्पदाद्योः, च्वौ च, अव्यक्तानुकरणाद्द्व्यजवरार्थादनितौ डाच् ।।

Essential Reading- Vaiyakarana Siddhanta Kaumudi of Bhattoji Dikshita.(selected Portions)

Additional Reading- Prakriyasarvaswa of Narayana Bhatta.

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(2017 Admission onwards)

SEMESTER V -Siddhantikaumudi -V

Stripratyayaparichaya

(Selected portions)

CORE VII

Credit-4

Contact Hours-90

To make the students aware of the techniques of Sanskrit grammar applicable in the formation of feminine forms.

Objectives of the Course

To make the students understand the feminine suffixes in Sanskrit and the rules regarding, as to which stems, they should be used appropriate.

To make the students aware of the rules and application of each and every rule relating to the formation of feminine words.

Course outline

Module I – Sutras to be taught

स्त्रियाम्। अजाद्यतष्टाप्। उगितश्च। वनो र च। न षट्स्वस्रादिभ्यः। मनः। प्रत्ययस्थात्कात्पूठ
स्यात् इदाप्यसुपः उदीचामातः स्थाने यकपूर्वायाः। भस्त्रैषाजाज्ञाद्वास्वानञ्पूर्वाणामपि।
अनुपसर्जनात्।

टिड्ढाणज्द्वयसज्दध्नज्मात्रचत्तयष्ठक्ठक्क्वरपः। यजश्च। हलस्तद्धितस्य। प्राचांष्फ
तद्धितः। आयनेयीनीयियः फढखछघां प्रत्ययादीनाम्। वयसिप्रथमे। द्विगोः। ऊधसोऽनङ्।
बहुव्रीहेरूधसो डीष्। संख्याव्ययादेडीप्। अन्तर्वत्पतिवतोर्नुक्। पत्युर्नो यज्ञसंयोगे। विभाषा
सपूर्वस्य पूतक्रतोरै च। वर्णादनुदात्रात्तोपधात्तो नः। अन्यतो डीष्

Module II –

षिद्गौरादिभ्यश्च। सूर्यातिष्यागस्त्यमत्स्यानां य उपधायाः। वोतो गुणवचनात्। बहवादिभ्यश्च

पुंयोगादाख्यायाम् । इन्द्रवरुण भवशर्वरुद्रमृड हिमारण्ययव यवनमातुलाचार्याणामानुक् वा
 स्वाङ्गा च्चोपसर्जनादसंयोगोपधात् । नासिकोदरौष्ठजङ्घादन्तकर्णशृङ्गाच्च ।
 नखमुखात्संज्ञायाम् । जातेरस्त्रीविषयादयोपधात् । इतो मनुष्यजातेः । ऊङुतः । पङ्गोश्च ।
 शार्ङ्गरवाद्यजोडीन् । तद्धिताः । यूनस्तिः ।

Module III - Vartikas to be taught

संभस्त्राजिनशणपिण्डेभ्यः फलात् । सदच्काण्डप्रान्तशतैकेभ्यः पुष्पात् । शूद्राचामहत्पूर्वा जातिः ।
 मूलान्नञः । वनी न हश इतिवक्तव्यम् । बह्व्यञ्चहौ वा । मामक नरकयोरुपसंख्यानम् ।
 त्यक्त्यपोश्च ।

उत्तरपदलोपे न । क्षिपकादीनां च । सूतकापुत्रकावृन्दारकाणां वेति वाच्यम् । धात्वन्तयकोस्तु
 नित्यम् । नञ्स्त्रीककूरव्युस्तरुणतलुनानाम् उपसंख्यानम् । वयस्यचरम इति वाच्यम् ।
 पिशङ्गादुपसंख्यानम् ।

असितपलितयोर्न । छन्दासिक्नमेके । पिप्पलयादयस्य । सूर्यागस्त्ययोश्छे च ड्यां च ।

मत्स्यस्य ड्याम् । खरुसंयोगोपधान्न । पालकान्तान्न । सूर्याद्देवतायां चाष्वक्तव्यः ।

हिमारण्ययोर्महत्त्वे । यवाद्दोषे । यवनाल्लिप्याम् ।

मातुलोपाध्याययोरानुग्वा । आचार्यादणत्वं च । अर्यक्षत्रियाभ्यां वा स्वार्थे ।
 अङ्गागात्रकण्ठेभ्यो वक्तव्यम् । पुच्छाच्च । कवरमणिविषशरेभ्यो नित्यम् ।
 योपधप्रतिषेधः..... । श्वशुरस्योकाराकारलोपश्च ।

Module IV - karikas and special lines to be taught

१ अद्रवमूर्तिमत्स्वाङ्गं प्राणिस्थमविकारजम्

अतत्स्थं तत्र दृष्टं च तेन चेत्तथायुतम् ।।

२ आकृतिग्रहणा जातिः लिङ्गानां च सर्वभाक्

सकृदाख्यातनिग्रहिया गोत्र च चरणैः सह ।।

३ अजादिभिः स्त्रीत्वस्य विशेषणात्रेह-पञ्चाजी ।

४ उगिदचामिति सूत्रेज्ग्रहणेन धातोश्चेदुगित्कार्यं तर्हि
 अञ्चतैरेवेतिनियम्यते । तेनेह न । उखास्त्रत् ।

५ अयमेव स्त्रीप्रत्ययेषु तदन्तविधिं ज्ञापयति ।

६ वक्ष्यमाणेत्यत्र टित्वादुगित्वाच्च डीप् प्राप्तः । यासुटो

डित्वेन लाश्रयमनुबन्धकार्यं नादेशानामिति

ज्ञापनात् न भवति । श्नः शानचः शित्वेन क्वचित्ते

अनुबन्धकार्ये अनल्विधाविति निषेधज्ञापनाद्वा ।

७ कन्याया न । कन्यायाः कनीन च इति निर्देशात् ।

८ अथ वृषलस्य पत्नी इति व्यस्ते कथम्? इति चेत्
पत्नीव पत्नी इत्युपचारात् ।

९ अवदातशब्दस्तु न वर्णवाची किन्तु विशुद्धवाची ।

तेन अवदाता इत्येव ।

१० लिङ्गविशिष्टपरिभाषया सिद्धे तद्धिताधिकार उत्तरार्थः ।

Essential Reading

Vaiyakaranasiddhantakaumudi of BhattojiDikshita. (Selected Portions)

Reference

Prakriyasarvaswam of Melputhur Narayana Bhattathiri

MAHATMA GANDHI UNIVERSITY

Restructured Syllabus -CBCS

B.A. Programme in Sanskrit (Special) Vyakarana

(2017 Admission onwards)

SEMESTER-V

Sanskritabhashayam paryavaranasastram

Core VIII

Credits – 4

Contact Hours-90

Aim of the Course-

To impart a knowledge of nature, surroundings and the related well being of mankind.

Objectives of the course

1. To make the students aware of the nature and it's potential to influence the organism
2. To create an understanding of the environmental consideration in Sanskrit poetry and sastraic works

Course out line

Module I

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 hrs)

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

a) **Forest resources:** Use and over-exploitation, deforestation, case studies.

Timber extraction, mining, dams and their effects on forest and tribal people.

b) **Water resources:** Use and over-utilization of surface and ground water,

floods, drought, conflicts over water, dams-benefits and problems.

c) **Mineral resources:** Use and exploitation, environmental effects of extracting

and using mineral resources, case studies.

d) **Food resources:** World food problems, changes caused by agriculture and

overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water

logging, salinity, case studies.

e) **Energy resources:** Growing energy needs, renewable and non renewable energy sources,

use of alternate energy sources, Case studies.

f) **Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification

- Role of individual in conservation of natural resources.

- Equitable use of resources for sustainable life styles.

(10 hrs)

Unit 3: Ecosystems

- Concept of an ecosystem

- Structure and function of an ecosystem

- Producers, consumers and decomposers

- Energy flow in the ecosystem

- Ecological succession

- Food chains, food webs and ecological pyramids.

- Introduction, types, characteristic features, structure and function of the given ecosystem:-
Forest ecosystem

(6 hrs)

Module II

Unit 1: Biodiversity and its conservation

- Introduction

- Biogeographical classification of India

- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.

- India as a mega-diversity nation

- Hot-spots of biodiversity

- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts

- Endangered and endemic species of India

(8 hrs)

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- o. Air pollution
- p. Water pollution
- q. Soil pollution
- r. Marine pollution
- s. Noise pollution
- t. Thermal pollution
- u. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides. (8 hrs)

Unit 3: Social Issues and the Environment

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people: its problems and concerns, Case studies
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, Case studies
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- *Public awareness* (10 hrs)

Module-3 व्याकरण महाभाष्ये प्रतिबिम्बितं पारिस्थितिकदर्शनम्-

(Selected portions) attached to the syllabus, लौकिको व्यवहारः--,

नन्वेवं चेत्, राजाज्ञया न किञ्चिदनिष्टं निष्पाद्यत इति चेज । विभ्रममुद्भवो हि मनुष्याः । ते राजाज्ञया किञ्चित्कृत्यविमूढाः संशयितचित्तवृत्तयो न सहजं कुर्वन्ति, न वाऽऽज्ञते कर्मणि सावधाना भवन्ति । एवञ्चेदशराजाज्ञया देशविप्लव एव सर्वथाऽभिसमीक्ष्यः स्यात् । अत एवेदं विधानं युक्तं यत् तत्रत्यसमाजस्य तत्स्वाभाविकं स्यात्-इति ॥

लौकिको व्यवहारः—

लोकव्यवहारनिदर्शकं **समर्थः पदविधिः** २।१।१ इति सूत्रे भाष्यकृता समीचीनमुदाहरणं दत्तम् । तद्यथा-‘एवं हि दृश्यते लोके भिक्षुकोऽयं द्वितीयां भिक्षां समासाद्य पूर्वा न जहाति, रात्रयायैव प्रवर्तते’ इति । भिक्षुको हि धनसंग्रहे लुब्धः कथं वा पूर्वा भिक्षां जहात् । अनेनोदाहरणप्रदर्शनेन समाजस्य स्वाभाविकं रूपं सन्दृश्यते ॥ **प्राग्भीश्वराक्षिपाताः** १।४।५६ इत्यत्र “किमर्थं रेफाधिक ईश्वरशब्दो गृह्यते लोकेत एतत्सिद्धम्, तद्यथा-आ वनान्तात् आ उदकान्तात् प्रियं पान्थमनुव्रजेदिति य एव प्रथमो वनान्त उदकान्तश्च ततोऽनुव्रजन्ति । **लौकिकं चातिवर्तते** । द्वितीयं तृतीयञ्च वनान्तमुदकान्तमनुव्रजन्ति तस्माद्रेफाधिक ईश्वरशब्दो गृहीतव्यः” इति । अत्र हि रीश्वरादिति किमुक्तं, ईश्वरादित्येव कथं नोच्येत्याशङ्क्य, आ वनान्तादा उदकान्तात्प्रियं पान्थमनुव्रजेदिति विधाने नियमाभावाद्द्वितीयं तृतीयं च वनान्तमनुगच्छन्ति, तथाऽत्रापि प्रथमेश्वरशब्दं विहाय द्वितीयपर्यन्तमपि अनुव्रजिष्यन्तीति तदर्थं विकृतमिति तद्भाष्यार्थः । ग्रामाद्ग्रामान्तरं गच्छतः पान्थस्यानुव्रजनं उदकान्तं वनान्तं वा कर्तव्यमित्याचार आसीत्तदानीम् । ग्रामाद्ग्रामान्तरं विपुला उदकान्ता विपुलानि वा वनानि यत्र सम्भवन्ति तत्रैवेदमुच्यते स्यात् । तत्रापि द्वितीयं तृतीयं वा वनान्तं गच्छन्तीति दर्शनेन च नियतं तस्मिन् काले बहूनि वनानि संरक्षितानि निर्मितानि वा भवेयुः । पान्थानामुपभोगाय धार्मिकैर्निर्मिता बहवो जलाशया वा भवेयुरिति **सुजलां सुफलामिति** भारतभूस्वरूपं दृष्टिपथमायाति ॥

तदानींतनाश्वर्धार्मिका राजदण्डे समादरयुक्ताश्च लोका इत्यग्निमोदाहरणदर्शनेन प्रतीयते । यथा-**वारणार्थानामीप्सितः** १।४।२७ इत्यत्र ‘किमुदाहरणं ? माषेभ्यो गा वारयति । भवेद्यस्य माषा न गावस्तस्य माषा ईप्सिताः स्युः, यस्य तु खलु गावो न माषाः कथं तस्य माषा ईप्सिताः स्युः । तस्यापि माषा एवेप्सिताः । आतश्चेप्सिताः, यदेभ्यो गा वारयति । पश्यत्ययं यदीमा गावस्तत्र गच्छन्ति श्रुवः सस्यविनाशः, सस्यविनाशेऽधर्मश्चैव राजभयञ्च । स बुध्या सम्प्राप्य निवर्तयति’ इति । क्षेत्रे गवां सम्मर्देन सस्यविनाशः स्यात्, विनष्टे च सस्ये क्षेत्रस्वामिनः क्लेशेनाधर्मः स्यादिति येषां बुद्धिलोषां खलु भारतीयानां कथममङ्गलाशंसनमपि सम्भवति । गो सञ्चारयितुः पांशुलपादस्य यत्रेदं धर्मवन्धनं तत्र सुनिविष्टानां नागरिकाणां किमु वक्तव्यम् । वस्तुतः अरण्ये संस्थितस्य क्षेत्रस्य रक्षणमपि धर्म एव करोतीति ‘धर्मो रक्षति रक्षितः’ इति वचनं कथमन्यथा मन्तव्यम् । ‘अधर्मश्चैव राजभयञ्च’ इत्युभयमप्युक्तं परंतु तत्र राजभयस्य न तादृशः समादरो यादृशो धर्मस्य, अत एव तस्य पूर्वमुक्तिः । एतदपि तत्रावधेयं-तदा सस्यविनाशेऽपि राजकीयः प्रतीकारः समर्थतर आसीत् न निर्दिष्टः, येनारण्यकेनापि राजभयात्क्षेत्ररक्षणं कियते । अत्रापि न राजा रक्षति किन्तु धर्म एव रक्षतीत्येव सत्यम् । यद्यसत्याश्रयणं कर्तुं शक्यते तदा गाश्चारयित्वा क्षेत्रविनाशेऽपि न मदीयगोभिस्तक्षेत्रं नाशितम्, अहं तु तस्मिन्दिने तत्क्षेत्रं नैव दृष्टवानित्याद्युक्तिभिः स्वसंरक्षणं कर्तुं शक्यम् । **राजभयं** चेति प्रतिपाद्यता भाष्यकारेण जनानां धर्मानुसन्धानात् सत्यप्रियत्वमाविष्कियते, तदैव च राजभयं च सम्भाव्यते । अन्यथाऽधार्मिके राज्ये यावन्तः शासनीया जनास्तावन्तो रक्षापुरषाणं विधायपि चौरैराततापिभिश्च प्रत्यहं राजधान्यां कतिपयमनुष्ठा हन्त्यन्ते, कानिचिच्च गृहाणि दहन्ते, केचिच्च मुष्यन्ते-इत्यादि त्वनुभूयत एव व्यवहारकुशलैः ।

धर्मवन्धनादेव-**अर्थवद्धातुरप्रत्ययः प्रातिपदिकम्** १।२।४५ इत्यत्र ‘तद्यथा लोके-आड्यमिदं नगरं गोमदिदं नगरमित्युच्यते । न च सर्वे तत्राड्या भवन्ति सर्वे वा गोमन्तः । यस्य हि यद्द्रव्यं भवति स तेन कार्यं करोति । यस्य च या गावो भवन्ति स तासां क्षीरं घृतमुपभुङ्क्ते, अन्यैरेतद्द्रव्यमप्यशक्यम् ।’ इत्युक्तं सङ्गच्छते । धर्मवन्धनाभावेऽन्यस्यापि द्रव्यमन्येनोपभुज्यमानं प्रत्यहमुपलभ्यते, यस्य च गावो भवन्ति तद्द्रव्यमन्यैरुपभुज्यमानमेव प्रत्यहं प्रतिपात्यते । एतदुदाहरणदर्शनेन नगरेऽपि गोपालनं बहूनामपि तदा सुकरमासीदिति गम्यते । इदानीमपि नगरे गाः पालयन्ति ता दुग्धेनोपजीवनार्थं न स्त्रोपभोगार्थमिति विशेषः । अत एव **अनुदात्त छित आत्मनेपदम्** १।३।१२ इत्यत्र सुष्ठु खल्वभिहितं ‘न खल्वप्यन्यत्प्रकृतमनुवर्तनादन्यद्भवति, नहि गोधा सर्पन्ती सर्पगादहिर्भवति’ इति । स्वातन्त्र्यमात्रप्राप्तिलाभेन चौरा दुष्टाः शठा वा न नागरिकपदवीमर्हन्ति, न वा ते शुद्धाचाराः सम्भवन्तीति ॥

बह्वायाससाध्ये लघुनि फले न तदानीन्तनानां प्रवृत्तिरासीदिति नवाहिकस्य द्वितीयाहिके ‘सैषा महतो वंशस्तम्बालङ्घाऽनुकृष्यते इति वदता प्रदर्शयते । अथ **हयवरट्** (शिवसूत्रम्) सूत्रस्थो युक्तिवादस्तदानींतनानां व्यवहारे याथार्थ्यं गमयति । तद्यथा-‘एकश्चक्षुष्मान् दर्शने समर्थस्तत्समुदायश्च शतमपि समर्थम्, एकश्च तिलसैलदाने समर्थस्तत्समुदायश्च खार्थपि तैलदाने समर्थः । येषां पुनरवयवा अनर्थकाः समुदाया अपि तेषामनर्थकाः । एकोऽन्धो दर्शनेऽसमर्थस्तत्समुदायश्च शतमप्यसमर्थम्, एका च सिकता तैलदानेऽसमर्था तत्समुदायश्च खारीशतमप्यसमर्थम्’ इति । पर्याप्तमेतन्निदर्शने तदानींतनानाम् । राजनीतिविचारे राजनीतिशून्यानां सहस्राधिकानां, धर्मसभायां संशयितचित्तानां लक्षादप्यधिकानां, लोकोपकारविचारसमये बहुसंख्ययाऽप्युपस्थितानां स्वार्थप्रवणानां तदानींतने काले शून्यमेव मूल्यमासीत्, न ततोऽधिकम् । तत्र च राजनीतिज्ञा धर्मशास्त्रविदो निःस्वार्था एवाधिकृताः सम्मन्यन्ते

Module- 1V

Environmental vision of Kalidasa- Raghuvamsa canto-2 Slokas 1 to 25

Module – V

Unit 1- Human Rights– An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations – contributions, main human rights related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights - Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthuriengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc. **(8 Hrs)**

Internal: Field study

- Visit to a local area to document environmental grassland/ hill /mountain
- Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

REFERENCES

31. Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
32. Clark.R.S., Marine Pollution, Clarendon Press Oxford (Ref)
33. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)

.Module 3 - Attached to the syllabus

.Module 4 - Raghuvamsa canto2 of kalidasa selected portions

Additional reading

1. Keralathinte paristhitiprasnangal by Dr.R.V.G.Menon

2. Environmental awareness reflected in Centre for advanced study of Sanskrit
University of Pune1991

MAHATMA GANDHI UNIVERSITY

Restructured Syllabus -CBCS

B.A. Programme in Sanskrit (Special) Vyakarana

(2017 Admission onwards)

SEMESTER-V

OPEN COURSE

भारतीयविज्ञानपरम्परा

Credit 3

Contact hours 72

Aim of the course

To inculcate an aptitude in students to unearth and study the technological and scientific knowledge embedded in Sanskrit literature.

Objectives of the course

1. To have an awareness of ancient Indian scientific knowledge
2. To have an awareness of ancient Indian technological development.

Course outline.

Module -I भारतस्य वैज्ञानिकपरम्परा , भारतस्य वैज्ञानिकेतिहासः, महाभारते वैज्ञानिकाः अंशाः ।

Module -II संस्कृते किं नास्ति, वैदिकसंस्कृते& जगत्व्याप्यत्वं, वृक्षायुर्वेदः ।

Module -II प्राचीनविज्ञानतन्त्रज्ञानपरम्परायां क्षारोत्पादनक्रमः , परमाणोः परिमाणम्,

Module -IV प्राचीनं रसायनशास्त्रं, प्राचीनभारतस्य विज्ञानविषये अवैज्ञानिकी दृष्टिः । त्

Essential reading

भारतीय विज्ञानपरम्परा- A collection of articles on Indian scientific heritage
published by Samskritabharati ,Matamandirgali,Jhandevalan NewDelhi-110055

Additional reading

1. Indian scientific tradition Edited by Dr.N.V.P.Unithiri, Published by
University of Calicut
2. Technical literature in Sanskrit Edited by VenkatasubrahmanyaIyer Published
by Kerala University

MAHATMA GANDHI UNIVERSITY

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B.A. Programme in Sanskrit (Special) Vyakarana

(2017 Admission onwards)

SEMESTER-VI SIDDHANTHAKAUMUDI VI

DASAGANI

(Kriyapada – Bhu-Edh Complete and

Selected Dhatus and lakaras from Adadi to curadi)

CORE 1X

Credits 4

Contact Hours 90

Aim of the Course

The course is designed to introduce some roots and their forms to the students.

Objectives of the Course

To introduce the students to the roots and their forms in Sanskrit.

To familiarise them with the process of forming conjugations.

To make them understand some rules regarding conjugations so that they may find out similar forms and necessary additional rules from the texts to regularise the forms.

Module I - Sutras to be taught

भ्वादिप्रकरणम् - वर्तमाने लट् - दृढ् लिङ् निमित्ते लृङ् क्रियातिपत्तौ

All Conjugated forms of the root भू in all lakaras.

Module II - भ्वादिप्रकरणम् -- टित् आत्मनेपदानां टेरे - to आत्मनेपदेष्वनतः

All Conjugated forms of the root एध् in all lakaras.

Module III Selected Dhatus and Lakaras from Adadi, Juhotyadi, Divadi, &Swadi

1. अद-भक्षणे अदिप्रभृतिभ्यः शप --अत्ति-अत्तः-अदन्ति । लिट्यन्यतरस्याम् । जघिथ । आद ।

आदतुः । आदिथ । अत्ता । अत्स्यति । हुङ्लभ्यो हेर्धिः । अद्धि- अत्तात् । अदानि । अदः सर्वेषाम् । आदत् । आत्ताम् । आदन् । आदः । आत्तम् । आत्त आदम् । आद्ध । आद्म । अद्यात् । अद्याताम् । अद्युः । अद्यास्ताम् । अद्यासुः । लुङ्सनोर्घस्त् । अघसत् ।

२. हु- दानादनयोः --- जुहोत्यादिभ्यः श्लुः। श्लौ। जुहोति। जुहुतः। जुह्वति। भीहीभृहुवां श्लुवच्च। जुहवाञ्चकार- जुहाव। होता। होष्यति। जुहोतु-जहुतात्। जुहुधि। जुह्वानि। अजुहवुः। जुहुयात्। हूयात्। अहौषीत्।
३. दिवु क्रीडाविजिगीषा----- दिवादिभ्यः श्यन्। दीव्यति। दिदेव। देविता। देविष्यति। दीव्यतु। अदीव्यत्। दीव्येत् दीव्यात् अदेवीत्। अदेविष्यत्।
४. षुञ् अभिषवे ---- स्वादिभ्यः श्नुः। सुनोति। सुनुतः। सुन्वन्ति। सुन्वः - सुनुवः। सुन्वहे-सुनुवहे। सुषाव। सुषुवे। सोता। सुनु। सुनवानि। सुनवै। सुनुयात्। सूयात्। असावीत्। असोष्ट। सुनोतेः स्यसनोः। विसोष्यति।

Module IV Selected Dhatus and Lakaras from Tudadi, Ruhadhi, Tanadi, Kryadi, & Churadi

- 1- तुद व्यथने --, तुदादिभ्यः शः तुदति। तुदते। तुतोद। तुतोदिद। तुतुदे। तोत्ता। अतौत्सीत्। अत्तुत।
- 2 - -धिर् - आवरणे रुधादिभ्यः श्नुम्। रुणद्धि। रुन्द्धः। रुन्धन्ति। रुन्धे। रोद्धा। रोत्स्यति। रोत्स्यते। रुणद्धु-रुन्द्धात्। रुन्द्धि। रुणधानि। रुणधै। अरुणत्। अरुन्द्धात्। अरुणत्- अरुणः। अरुधम्। अरुधत्- अरौत्सीत्। अरुद्ध।
- 3- तनु -विस्तारे --- तनादिकृञ्भ्यः उः। तनोति। तन्वः-तन्वः। तनुते। ततान। तेने। तनु। अतनीत्-अतानीत्। अतनिष्ट-अतानिष्ट। अतत-अतनिष्ट।
4. डु क्रीञ् -द्रव्य विनिमये -- क्रयादिभ्यः शना। क्रीणाति। क्रीणीतः। क्रीणन्ति। क्रीणीते। क्रीणाते। क्रीणते। चिक्राय। चिक्रियतुः। चिक्रियथ-चिक्रेथ। चिक्रियव। चिक्रियथे। क्रेता। क्रेष्यति। क्रीयात्। क्रेषिष्ट। अक्रेषीत्। अक्रेष्ट।
५. चुर स्तेये। सत्यापपाशरूपवीणातूलश्लोकसेनालोमत्वचवर्मवर्णचूर्णचुरादिभ्यो णिच्। णिचश्च। चोरयति। चोरयते। चोरयामास। चोरयिता। चोर्यात्। चोरयिषीष्ट। अचूचुरत्। अचूचुरत।

Essential Reading

Vaiyyakaranasiddhantakaumudi.(Selected Portions)

Additional Reading: Kasika vritti, Prakriyasarvaswa, Paniyodaharana Kosa.etc.

Mahatma Gandhi University.

Restructured Syllabus -CBCS

(2017 Admission onwards)

BA.Programme in Sanskrit (Special) Vyakarana.

SEMESTER-VI -PRAUDHAMANORAMA

(SAMJNA, PARIBHASHA AND AC SANDHI PRAKARANAS ONLY)

Core X

Credit 4

Contact hours 90

Aim of the Course: The study aims at understanding the style of this auto gloss on the Vaiyakaranasiddhanta Kaumudi.

Objectives of the Course:

To make the student aware of the techniques used in interpreting the sutras.

To make them acquainted with the style of the Author.

To equip them to understand the present tool beyond the present study.

Course Outline

Module I: संज्ञाप्रकरणम् (Pages 1-136)

Module II: परिभाषाप्रकरणम् (Pages 137-178)

Module III: अच्सन्धिप्रकरणम्- From Sutra इको यणचि to Sutra संयोगान्तस्य लोपः (Pages 179 to 262)

Module IV: अच्सन्धिप्रकरणम्

From Sutra हलो यमां यमि लोपः to Sutra अव्यक्तानुकरणस्यात् इतौ (Pages 263 to 303)

Module V: अच्सन्धिप्रकरणम्- From Sutra अकः सवर्णे दीर्घः to Sutra मय उञ्ज वो वः (Pages 304 to 342)

Essential Reading

Praudhamanorama of Bhattoji Dikshita-Samjna, Paribhasha and Ac- Sandhi Prakaranas only. (Edited by Dr.Jaya Shankar Lal Tripathi, Krishnadas Academy, Varanasi, Chowkhamba press, Varanasi, Reprint Edition-2002.

Additional Reading -Laghusabdaratna of Harideekshita

RESTRUCTURED SYLLABUS -CBCSS
B.A PROGRAMME IN SANSKRIT (SPECIAL) VYAKARANA
SEMESTER- VI
MAHABHASYA-AHNIKAS 1&2
(2017 Admission onwards)

Core XI

Credit 4

Contact hours 90

Aim of the Course: To introduce to the students the Mahabhashya.

Objectives of the Course: To acquaint them to understand the way of sastraic discourse prevalent in the field of Sanskrit grammar.

To make them capable of understanding the style of the content of the text and to make them think in the right way as shown by the great grammarian.

Course Outline

Module I: Topics to be taught अथ शब्दानुशासनम् सिद्धे शब्दार्थम्बन्धे...,

Module II: *The rest of the portions of Ahnika I complete*

Module III: अइउण्। ऋलृक्।

Module IV: एओङ्। ऐऔच्। हयवरट। लण्, जमडणनम्। झभञ्।

Essential Reading - Mahabhasya - Ahnikas 1 & 2.

Mahatma Gandhi University.

Restructured Syllabus -CBCS

(2017 Admission onwards)

B.A. Programme in Sanskrit (Special) Vyakarana

SEMESTER- VI Siddhantakaumudi VII

NIJANTADIPARICHAYA

Core XII

Credit 4

Contact Hours 90

Aim of the Course: To make them aware of the structure of nyanta, sannanta, yananta etc.

Objectives of the Course:

To equip the students with the knowledge of the rules of nyanta, sannanta, yananta, yanluganta, namadhatu, kandvadi, bhavakarma, and karmakatrprakranam.

To make aware of the formation of the words in all the above sections.

Course Outline

Module I: ण्यन्तप्रकरणे - तत्प्रयोजको हेतुश्च to भित्तो हेतुभये षुक् ।

Module II- सन्नन्तप्रकरणे- कर्मणः समानकर्तृकादिच्छायां वा to स्तौतिण्योरेव षण्यभ्यासात् ।

Module III: यङन्तप्रकरणे-धातोरेकाचो हलादेः क्रियासमभिहारे यङ् to अयङ् यि क्ङिति ।

यङ्लुगन्तप्रकरणे -यङोऽचि च to न धातुलोप आर्धधातुके ।

Module IV: नामधातु प्रकरणे -सुप आत्मनः क्यच् च to नमोवरिवश्चित्रडः क्यच्,कण्ड्वादिभ्यो यक्

.Module V: The technical derivation of the following forms.

ण्यन्तप्रकरणम्- भावयति, अबीभवत्, स्थापयति, अतिष्ठिपत्, घटयति, ज्ञपयति ।

सन्नन्तप्रकरणम् - पिपठिषति, जिधत्यति, चिकीर्षति, बुभूषति ।

यङन्तप्रकरणम्-बोभूयते, बोभूयाञ्चक्रे, वरीवृत्यते, नरीनृत्यते ।

नामधातुप्रकरणम्-पुत्रीयति, पुत्रकाम्यति, विष्णूयतिद्विजम्, कृष्णाति, कष्टायते, शब्दायते, कण्डूयति, कण्डूयते ।

Essential Reading

VaiyakaranaSiddhathakaumudi of BhattojiDikshita (Selected Portions)

Additional Reading -Madhyasiddhantakaumudi of Varadaraja

Mahatma Gandhi University.

Restructured Syllabus -CBCS

(2017 Admission onwards)

B.A. Programme in Sanskrit (Special) Vyakarana

SEMESTER- VI Siddhantakaumudi-VIII

Karakas and Methodology of Research

Choice based Core I

Credit 3

Contact Hours 90

Aim & Objective of the Course:

An appropriate use of the Case ending is mainly aimed by the proposed course. To familiar the students with the methodology of research in Sanskrit is also aimed by the course.

Module I - Problem and field of research, Types of research – Research in Sanskrit – Synopsis.

Module II: Siddhantakaumudi Sutras from Pratipadikartha..... to Hetau

Module III: Siddhantakaumudi Sutras from Karmana yamabhipraiti.... to Durantikarthebhyo.....

Module IV: Siddhantakaumudi Sutras from Sasthi Sese to Vibhasa krini.

Essential Reading:

1. Siddhantakaumudi (Selected Portions)
2. Elements of Research Methodology in Sanskrit (Selected portions) by Dr. Keshab Chandra Das

Additional Reading:

1. Kasikavrtti
2. Prakriyasarvasvam

Mahatma Gandhi University.
Restructured Syllabus -CBCS
(2017 Admission onwards)

B.A. Programme in Sanskrit (Special) Vyakarana
SEMESTER- VI

Choice based core 2.-Grammatical application of Narayaneeyam

Credit-3

Contact hours-90

Aim of the Course

To introduce the application of Grammar on poetry

Objective of the course

To make the awareness of importance of grammar in literature

Course Outline

Module 1

Narayaneeyam- a general study

Module 2

Narayaneeyam- textual study of first five Dasakas

Module 3

Special usages in the prescribed portion

Module 4

Application of the grammar on these usages

Essential reading

Narayaneeyam of Melputtur Narayanabhattathiripad

Siddhantakoumudi of Bhattojidikshita

Prakriyasarvasvam of Melpputtur

Additional Reading

Proudhamanorama of Bhattojidikshita (2.)Commentaries of Narayaneeyam

Rasikapriya, Vanamala

Mahatma Gandhi University.

Restructured Syllabus -CBCS

(2017 Admission onwards)

B.A. Programme in Sanskrit (Special) Vyakarana

SEMESTER- VI

Choice based Core3- Grammatical application of Svapnavasavdattam

Credit-3

Contact hours-90

Aim of the Course

To introduce the application of Grammar on poetry

Objective of the course

To make the awareness of importance of grammar in literature

Course Outline

Module 1

Bhasaas plays- a general study

Module 2

Svapnavasavadattam-textual study

Module 3

Special usages in the Drama including non-Paninian usages

Module 4

Application of the grammar on these usages

Essential reading

Svapnavasavadattam- Bhasa

Siddhantakoumudi of Bhattojidikshita

Additional Reading

Bhasanatakasarvasvam

RESTRUCTURED SYLLABUS
for
UNDER GRADUATE PROGRAMME
CHOISE BASED CREDIT AND SEMESTER
SYSTEM
(UGCBCSS)
(2017 Admission onwards)

SANSKRIT (SPECIAL) NYAYA



MAHATMA GANDHI UNIVERSITY
KOTTAYAM

Because of the extravagant exploitation of nature and natural resources have led the world into hot and unhealthy condition. The World Health Organization and such other organizations have given several warnings within the rare weather changes due to the exploitations of the said nature. And asked the whole world to refrain from polluting Air and Water excessively. These organizations have given several suggestions to curb Global warming. To sensitise the world of the coming disastrous condition they have suggested that the younger generation who are be the citizens of the future by adding environmental studies to the curriculum. The idea was welcome by the heads of our Nation also. And they have accepted a policy to include Environmental studies in the curriculum. As part of this The U.G.C also took favourable decisions.

As the next step the Universities are now encouraging the youngsters in planting and growing trees and plants and to sensitise them of the importance of environment and the protection of the Nature. Accordingly they have asked the academic bodies of various Universities of the country to include environmental studies in the syllabus. In turn Our University also has made it a point to introduce the environmental science at the U.G. level.

As per the University directions we have prepared a syllabus to be included as part of the B.A.Degree Programme Sanskrit Special Nyaya. Of the Mahatma Gandhi University we are submitting this to the approval and the necessary action to the academic bodies of the University.

COURSE SUMMARY B.A. PROGRAMME
SANSKRIT (SPECIAL) NYAYA
June 2017 Admission on wards

Semester	Sl. No.	CourseCode	Course	Topic	Instructional Hours	Credits	External & Internal
Semester I	1.	.....	Common English I		5	4	80 - 20
	2.	.....	Common English II		4	3	80 - 20
	3.	SK1CCT01	Common Addnl. Lang. I		4	4	80 - 20
	4.	SN1CRT01	CORE I	Methodology of Nyaya Philosophy	4	3	80 - 20
	5.	SN1CMT01	COMPLEMENTARY I	Vedanta Paricaya	4	3	80 - 20
	6.	SN1CMT02	COMPLEMENTARY II	Preliminary Sanskrit	4	3	80 - 20
Semester II	7.	.....	Common English III		5	4	80 - 20
	8.	.....	Common English IV		4	3	80 - 20
	9.	SK2CCT02	Common Addnl. Lang. II		4	4	80 - 20
	10.	SN2CRT02	CORE II	Primer of Indian Logic - I	4	3	80 - 20
	11.	SN2CMT03	COMPLEMENTARY III	Fundamentals of Sanskrit Sahitya	4	3	80 - 20
	12.	SN2CMT04	COMPLEMENTARY IV	Origin and Development of Indian Logic	4	3	80 - 20
Semester III	13.	.....	Common English V		5	4	80 - 20
	14.	SK3CCT03	Common Addnl. Lang. III		5	4	80 - 20
	15.	SN3CRT03	Common CORE III	Sanskrit and Informatics	5	4	80 - 20
	16.	SN3CMT05	COMPLEMENTARY V	Vyakaranaparicaya	5	4	80 - 20
	17.	SN3CMT06	COMPLEMENTARY VI	Elementary Linguistics	5	4	80 - 20
Semester IV	18.	.....	Common English VI		5	4	80 - 20
	19.	SK4CCT04	Common Addnl. Lang. IV		5	4	80 - 20
	20.	SN4CRT04	CORE IV	Introduction of Nyaya Categories	5	4	80 - 20
	21.	SN4CMT07	COMPLEMENTARY VII	Jyotissastravicara	5	4	80 - 20
	22.	SN4CMT08	COMPLEMENTARY VIII	Primer of NavyaNyaya	5	4	80 - 20
Semester V	23.	SN5CRT05	CORE V	Environmental Science & Nyaya Philosophy	5	4	80 - 20
	24.	SN5CRT06	CORE VI	Critical Examination of Vaisesika Categories I	6	4	80 - 20
	25.	SN5CRT07	CORE VII	Establishment of GOD I	5	4	80 - 20
	26.	SN5CRT08	CORE VIII	Critical Examination of Vaisesika Categories II	5	4	80 - 20
	27.	SN5OP01	OPEN COURSE	Ayurvedic Hygiene	4	3	80 - 20
Semester VI	28.	SN6CRT09	CORE IX	Vaisesika Sutra Text & Interpretation	5	4	80 - 20
	29.	SN6CRT10	CORE X	Critical Examination of Nyaya Categories	5	4	80 - 20
	30.	SN6CRT11	CORE XI	Establishment of GOD II	5	4	80 - 20
	31.	SN6CRT12	CORE XII	Theory of Verbal Knowledge	5	4	80 - 20
	32.	SN6CBT01	Choice Based CORE	1. Inference 2. Tarkasara- A study 3. Basics of Traditional Architecture	5	3	80 - 20
		SN6PRT01	Project	Topics will be selected by the concerned Supervisors of the Department		2	

SEMESTER I

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

CORE I

METHODOLOGY OF NYAYA PHILOSOPHY

Credit 3

Contact Hours 72

Aim of the Course

The course aims to familiarize the students with the fundamentals of NyayaVaisesika Philosophy.

Objectives of the Course

- 1 To familiarize methodology of NyayaVaisesika Philosophy.
- 2 To make awareness on the main principles of NyayaVaisesika Philosophy.
- 3 To make an awareness on practical utility of Inference

Course Outline

Module I - General introduction on NyayaVaisesika Philosophy, Sastrapravrtti, Mangalavada etc.

Module II - Categories of NyayaVaisesika Philosophy

Module III - Qualities uptoBuddhi and Means of Valid Knowledge

Module IV - Invalid Knowledge and remaining categories

Essential Reading

Tarkasamgraha of Annambhatta (whole) & Selected portions of
Dipika (Mangalavada, Iswaranumana,
Tamasahatiriktadravyatvanirasah, LakshanasyaLakshanam,
VayohAnumanam, Suvarnasyathaijasatvam, Srishtipralayanirupanam)

Additional Reading

1. Nyayabodhini Commentary.
2. Padakrtya Commentary.
3. Kiranavali Commentary
4. Tarkasamgraha Ed .Y.V.Athalle

SEMESTER I

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

COMPLEMENTARY - I

VEDANTAPARICAYA

Credits 3

Contact hours 72

Aim of the Course

This course aims at making students aware about the fourth Purushartha –
Moksa

Objectives of the Course

1. To create awareness to the student about the Ultimate aims of life in the Indian Tradition (purusarthas).
2. To familiarize the student about the basic qualities required for a traditional Vedanta student.
3. To impart the concept of Avidya to the student.
4. The Concept of Moksha and the importance of Karmayoga as a means of Moksa

Course Outline

Module – I Purusaarthajnana.

Module - II Anubandhacatustayam of Advaita Vedanta

Module – III Avidyaswarupa- its divisions and prapanchotpathi –
including pancikarana, suksmasarira, sthulasarira

Module - IV Apavadaswarupa – Jivanmuktaswarupa.

Essential Reading

Vedantasara - Sadananda

Additional Reading

1. Pancadasi of Vidyaranya
2. Atmabodha of Sankaracarya.

SEMESTER I

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

COMPLEMENTARY II

PRELIMINARY SANSKRIT

Credit 3

Instructional Hours:72

Aim of the Course

This course aims to make fundamentals of Sanskrit language by familiarizing

with declensions, conjugations and Avyayas. To make awareness on Amarakosa

and morals.

Objectives of the Course

1. Development of vocabulary knowing the declensions of nominal stems, conjugations of verbal stems.
2. To develop sentence making skills by using various words.
3. Character developing through moral teaching through Nitislokas and Pancatantra stories.
4. To Make awareness on synonyms and Upasargas.

Course Outline

Module I -General Introduction to Sanskrit Language.

Chapter 1-5 (Both inclusive)संस्कृत प्रथमादर्शः।

Module II-पञ्चतन्त्रम्। (अपरीक्षितकारके क्षपणककथा, ब्राह्मणीनकुलकथा)

अव्ययाः (अपि, यदा-तदा, यथा-तथा, यदि-तर्हि, धिक्, अन्तरा, सह)

उपसर्गाः।

Module III-नीतिशतके श्लोकाः। (३, ७, ११, १३, १९, २०, २३, २७, ३८, ४१,

४३, ५२, ५३, ५५, ६०, ६२, ६३, ६८, ७१, ७३, ७४, ८२, ८३,

८४, ८७)

Module IV - अमरकोशे स्वर्गवर्गः।

Essential Reading

1. **संस्कृत प्रथमादर्शः।**

Vidyasagar K.L.V Sastri,
R.S.Vadhyar & Sons,
Kalpathy, Palakkadu. 678003

2. **पञ्चतन्त्रम्। (अपरीक्षितकारकम्)**

विष्णुशर्मा। चौखम्बा संस्कृत सीरीज्। वाराणसि।

3. **नीतिशतकम्।**

भर्तृहरिः। चौखम्बा संस्कृत सीरीज्। वाराणसि।

4. **अमरकोशः।**

अमरसिंहः। चौखम्बा संस्कृत सीरीज्। वाराणसि।

Additional Reading

1. **भर्तृहरिशतकत्रयम्।**

चौखम्बा विद्याभवन्। वाराणसि।

2. **श्रीविष्णुशर्मप्रणीतं पञ्चतन्त्रम्।**

चौखम्बा संस्कृत सीरीज्। वाराणसि।

3. संस्कृतसाहित्येतिहासः।

आचार्य लोकमणि दाहालः।

चौखम्बा कृष्णदास् अकादमी। वाराणसि।

SEMESTER - II

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – II

PRIMER OF INDIAN LOGIC- I

Credit 3

Contact Hours 72

Aim of the Course

The course aim to produce thorough Knowledge about Ancient and Modern school of NyayaVaisesika Philosophy.

Objectives of the Course

1. To create an awareness on the growth of Anviksiki in to Nyaya philosophy.
- 2 To produce general awareness about Origin and development of syncretic school.
3. To impart general awareness on the development of Neo -logic [Navyanyaya].
4. To make them aware of the literary works in Sanskrit produced by Tripuniturites.
5. To make them aware of the vast tradition of literary works of Tripuniturites on Nyaya.

Course Outline

Module – I Growth of Anviksiki and its development in to Nyaya philosophy and Nyayasutra's commentaries. (Pancagranthi)

Module – II Syncritic school-Nature, aim and the scope of Syncretic school, Major authors

Andworks.Bhasarvajna, Jayantabhatta, Kesavamisra, Varadaraja, Vallabhacarya, Annambhatta, Viswanatha.

Module – III Origin and founder ofNeologic, Tattvacintamani and its Commentaries

Module-- IV Sanskrit Tradition of Tripunithura, Manuscript Tradition & The Nyaya Tradition

Essential Reading

1. **History of Indian Logic: relevant portion** - Dr.Satish Chandra Vidhyabhusana

MBP Publishers, Edition-1971.Delhi.

2. **Sanskrit Tradition of Tripunithura**(Pages 11 to 36)

Editor. Dr. C.M.Neelakandhan
Centre for Heritage Studies

Hill Palace, Tripunithura.

Reference

1. Indian Philosophy - Dr. S. Radhakrishnan

2. Indian Logic - Das Gupta

3. Encyclopedia of Indian Philosophy-Karl.H.Potter-Vol II&VI

4. Nyayasiddhantakairali

Ajimon.C.S,

Asst. Prof. of Sanskrit Nyaya,Govt.Sanskrit College, Tripunithura

SEMESTER - II

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Complementary - III

FUNDAMENTALS OF SANSKRIT SAHITYA

Credit 4

Contact hours: 72

Aim of the Course

To familiarize the students with the fundamentals of Sanskrit Sahitya.

Objectives of the Course

1. Familiarise the students with the essence of Aesthetics.
2. Understand with the basic principles and history of classical Sanskrit Literature.

Course Outline

Module I – Definition of Epics, Its Origin & Development and their influence in later literature. Puranas and its Major classifications.

Module II – Mahakavyas-Definition, Origin & Development, Pancamahakavyas,

Aswaghosa, Kumaradasa & Bhatti.

Module III – Prosody.-

स्रग्धरा, शार्दूलविक्रीडितम्, मन्दाक्रान्ता, शिखरिणी, इन्द्रवज्रा, उपेन्द्रवज्रा

पुष्पिताग्रा, वसन्ततिलकम्, मालिनी, अनुष्टुप्, आर्या।

Module IV - Alankaras-

उपमा, रूपकम्, दीपकम्, उत्प्रेक्षा, अर्थान्तरन्यासः, उल्लेखः, अतिशयोक्ति,

स्वभावोक्ति, समासोक्ति, दृष्टान्तः।

Essential Reading

1. **A Short history of Sanskrit literature**-T.K.RamachandraAiyer, R S Vadhyar, Kalpathy, Palakkad.
Page no-24 to 56, 64 to 76, and p-81.
2. **Kuvalayananda** of Appayyadikshita –R S Vadhyar., Palakkad
3. **Laghuvrttaratnakara**-Kedarabhata.

Additional Reading

1. **History of Sanskrit Literature**-A.A.Macdonnel.
2. **संस्कृतसाहित्येतिहासः**—आचार्य रामचन्द्रमिश्रः।

SEMESTER - II

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Complementary IV

PRIMER OF INDIAN LOGIC- II

Credits 3

Contact hours 72

Aim of the Course

To familiarize and motivate the students with the basic principles of NyayaVaisesika Schools and its methodology

Objectives of the Course

1. To give a general awareness about the classification of Categories in NyayaVaisesika Philosophy.
2. To create general awareness about the various cause and effect.
3. To create an awareness about the four means of right knowledge.

Course Outline

Module – I The functions of the Sastra- enunciation, definition and examination

Module - II Means of valid knowledge

Module – III Theoryof Validity.

Module – IV Refutation of the other means of Valid knowledge.

Essential Reading

Tarkabhasha of Kesavamisra: Pramana Portion,

Additional Reading

1. Tarkasangraha: Annambhatta, edited by Athalle.
2. Tarkasangraha: Annambhatta, edited by S.R. Iyer

SEMESTER - III

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Common Core - III

SANSKRIT AND INFORMATICS

Credit 4

Contact Hours 90

Aim of the Course:

To introduce students the use of Information Technology and thus enable them to utilize digital knowledge resources.

Objective of the Course:

- ❖ To review the basic concepts and functional knowledge in the field of informatics.
- ❖ To know the applications of IT in various fields.
- ❖ To impart the techniques of programming.
- ❖ To impart skills to enable students to use digital knowledge resources in learning.

MODULE I

Introduction to Computers

What are computers? – Block diagram of computer –Input & Output devices - Storage devices – Evolution of computers-Generation of computers-Classification of computers-Low level and High level languages-Overview of Operating System- Software concepts-System and Application software packages- Language Translators – Algorithm – Flowchart- Decision Tables-Pseudo Code.

MODULE II

Application of Information technology in higher education & society

Information System (Data, Information, Knowledge & Knowledge Management)- Academic search techniques-Introduction to academic websites-Introduction to use of IT in Teaching and Learning - Introduction to Educational software & academic services-INFLIBNET,NICNET, BRNET - E-Governance- E-commerce - IT in Research & Development - IT in Publishing - IT & Electronic media – Cyber Law - Cyber Crime- Cyber Security-Cyber Threats.

MODULE III

C programming & DBMS

Data types – Variables – Constants – Operators – Expressions – Assignments-Control Statements – Arrays –Functions -Basic concepts of Database Management Systems.

MODULE IV

Software Lab is used for the following:

Windows – Folders – Files-Ms Office (Ms Word, Ms Excel, Ms Power Point)-Internet –Email- Internet Access Methods (Dial Up, DSL, Cable, ISDN, Wi-Fi)-Key board layout for Sanskrit-Natural languages & Computer languages-Unicode – Installing Fonts – Unicode Typing in Devanagari Scripts – Typing Tools and Software.

Recommended Books/Readings:

6. “Fundamentals of Information Technology”- Alex Leon & Mathew Alex Leon, Leon Tech World 1999.
7. “Working with C”- Y.Kanetkar.
8. “Sanskrit Informatics” – R. Raman Nair & L. Sulochana Devi.
9. Websites:- Google, Wikipedia, Sanskrit.du.ac.in, Unicode.org
10. Teacher’s notes and handout

SEMESTER - III

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Complementary - V

VYAKARANA PARICAYAH

Credit 4

Contact hours: 90

Aim of the course

To introduce the rules of the sandhi to the students and to give an insight to them as to how they should choose the desired case-ending forms. To make them aware of the usages of compounds in Sanskrit.

Objectives of the course:

To help the students acquire the necessary precise knowledge of the rules on sandhi and enlighten them as to which case should be used in a particular situation.

Module I :संज्ञाप्रकरणं,(complete)selected sutras in the Ac-sandhiprakarana -इको यणचि,तस्मिन्निति निर्दिष्टे पूर्वस्य, स्थानेऽन्तरतमः,अनचि च,झलां जश् झशि, संयोगान्तस्य लोपः, अलोन्त्यस्य, एचोऽयवायावः यथासंख्यमनुदेशः समानाम्, वान्तो यि प्रत्यये, अदेङ्गुणः, तपरतत्कालस्य, आद्गुणः, उपदेशेऽजनुनासिकइत्, उरण् रपरः,लोप शाकल्यस्य,वृद्धिरादैच्, वृद्धिरेचि,एत्येधत्यूठ्सु,उपसर्गाःक्रियायोगे, भूवादयोधातवः, उपसर्गादृतिधातोः, एङि पररूपम्, ओमाडोश्च, अकसवर्णदीर्घः, एङ पदाल्तादति, सर्वत्र विभाषा गोः अनेकाल्शित्सर्वस्य,ङिच्च, अवङ् स्फोटायनस्य,दूराद्धूते च, प्लुतप्रगृह्या अचि नित्यम्, ईदूदेद्द्विवचनं प्रगृह्यम्, अदसोमात्, चादयोऽसत्त्वे, प्रादयः, निपातएकाजनाङ्, ओत् ।

गृह्येद्धृश्च क्ष् स्तोः श्चुना श्चुः, ष्टुना ष्टुः, न पदान्ताट्टोरनाम्, झलां जशोऽन्ते, यरोऽनुनासिकेऽनुनासिको वा, तोर्लि, उदः स्था स्तम्भोः पूर्वस्य, झरोझरि सवर्णे, खरि च, झयो होऽन्यतरस्याम्, शश्छोऽटि, मोऽनुस्वारः, नश्चापदान्तस्य झलि, अनुस्वारस्य ययि परस्सवर्णः, वा पदान्तस्य, डः सि धुट्, नश्च, शि तुक्,डमो ह्रस्वादचिङ्मुण्णित्यम् । विसर्जनीयस्य सः, वा शारि, ससजुषो रुः, अतो रोरप्लुतादप्लुते, हशि च, हलि सर्वेषाम्,रोः सुपि, रोरि, द्रूलोपे पूर्वस्य दीर्घोऽणः विप्रतिषेधे परंकार्यम्, एतददोः सुलोपोऽकोरनञ्समासे हलि, सोऽचि लोपेचोत्पादपुरणम् ।

Module III : प्रातिपदिकार्थलिङ्गपरिमाणवचनमात्रे प्रथमा, सम्बोधने च, कर्तुरीप्सिततमं कर्म, अकथितं च, (दुह्याच्ङित्तकारिका च) कर्मणिद्वितीया ।, स्वतन्त्रकर्ता, साधकतमंकरणं, कर्तृकरणयोस्तृतीया, , कर्मणा यमभिप्रैति स सम्प्रदानम्, चतुर्थी सम्प्रदाने, नमः स्वस्तिस्वाहास्वधालं वषट्योगाच्च, ध्रुवमपायेऽपादानम्, अपादाने पञ्चमी, षष्ठी शेषे, ।आधारोऽधिकरणम्, सप्तम्यधिकरणे च ।

Module IV समासः -प्रथमं प्रकरणम्- समासलक्षणं,विग्रहः, समासभेदाः समासार्थाः ,द्वितीयं प्रकरणं- सोदाहरणं समासभेदाः- अव्ययीभावसमासः, तत्पुरुषसमासः, बहुव्रीहिसमासः, द्वन्द्वसमासः तेषां विभागाश्च ।

Essential Reading:

(1) LaghusiddhantaKaumudi - Chapters Sanjna, Ac - Sandhi, Hal-Sandhi, visargaSandhi and vibhaktyarthaprakarana.

(2) Samasa of G.Mahabaleswara Bhatt

(Published by SamskrtaBharathyBanglore)

(First and Second chapters)

Additional Reading:

1) VaiyakaranaSiddhantaKaumudi with the commentary Balamanorama

SEMESTER - III

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Complementary - VI

ELEMENTARY LINGUISTICS

Credit 4

Contact hours 90

Aim of the Course

This course aims to give knowledge about the origin and development of language and its main features.

Objectives of the Course

1. To give understand the nature and scope of science of Language.
2. To impart general awareness about the divisions of comparative Philology.
3. To understanding of the Indo-European family of Languages and its general characteristics.
4. To impart general awareness about the classification of speech sounds and vowel etc.

Course Outline

Module I - Nature and scope of Linguistics. Theories relating to the origin and development of Language Classification-Morphological, Geneological, Organic and Inorganic

Module II - Indo-European family of Languages. Common characteristics of features of Indo-European

Languages. Centum and Satam groups of Languages.

Module III - Linguistic Changes.

Module IV - Semantic Changes.

Essential Reading

Students handbook of comparative Philology - Prof. T.K. Ramachandralyer.

Additional Reading

1. Introduction to the study of Language - Bloom Field
2. Language It;s study development and origin - Jespeison
3. An Introduction to Sanskrit Linguistics - SrimanNarayana Murthy

SEMESTER - IV

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – IV

INTRODUCTION TO NYAYA CATEGORIES

Credit 4

Contact hours 90

Aim of the Course

This course is intended to give an information about the categories of Nyaya Philosophy and its special features of Nyaya Philosophy.

Objectives of the Course

1. To enable the students to understand the main principles of Nyaya Philosophy.
2. To impart general awareness about the categories of Nyaya System.
3. To enable the students to understand the categories which are used in dialects.

Course Outline

Module I - Categories of Nyaya Philosophy and its divisions and definitions.

Module II - Means of valid knowledge: - Perception, Inference, Comparison, and Verbal testimony.

Module III - Objects of valid knowledge and its Definition.

Module IV - Definitions of Wrangling, Cavil, Fallacies, Quibble, Analogue and point of defeat.

Essential Reading

Nyaya Sutra of Gautama with Vatsyayanabhasya-Chapter 1

Additional Reading

1. Goutama-The Nyaya philosophy
2. Nyayasutra - Gautama - Eng. Translation - GanganathJha.
3. Encyclopedia of Indian Philosophy – Karl.H.Potter- Vol. II

SEMESTER - IV

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Complementary – VII

JYOTISSASTRAVICARA

Credit 4

Contact hours 90

Aim of the course:

भारतीयविज्ञाने ज्योतिःशास्त्रस्य माहात्म्यं प्राधान्यं च प्रत्यभिज्ञायते।
ज्योतिःशास्त्रस्वरूपं राशिग्रहादीनां सामान्यपरिचयं च प्राप्नोति।

Objectives of the course:

1. अपरिमितगगनमण्डलस्यपरिचयंसम्पादयति।
2. राशीनांनक्षत्राणांचविषयेज्ञानंप्राप्नोति।
3. ग्रहविषयकज्ञानंसम्पादयति।
4. पञ्चाङ्गपरिचयंप्राप्नोति।

Course outline:

- Module I- वेदवेदाङ्गपरिचयः – नेत्रस्थानीयत्वम् – त्रिस्कन्धत्वम्-
षडङ्गत्वम्।
- Module II - द्वादशराशीनां विविधाः संज्ञाः, नक्षत्रविन्यासश्च।
- Module III - ग्रहयोनिविषयाः, ग्रहस्वरूपं, शत्रुमित्रभावः, वर्णादयश्च।
- Module IV - पञ्चाङ्गपरिचयः।

Essential Reading:

- Module I, II - प्रश्नमार्गः (एटक्काट् नम्बूतिरी) (प्रथमाध्यायेआद्याः 12श्लोकाः)
- Module III - लघुजातकम् – 1-4अध्यायाः।
- Module III - शिशुबोधः (दैवज्ञकलाधरशर्मा) - आद्याः नव कारिकाः।

General Reading:

1. माधवीयम्।
2. बृहज्जातकम् – प्रथमद्वितीयाध्यायौ।
3. सारावली।

SEMESTER - IV

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Complementary – VIII

PRIMER OF NAVYA NYAYA

Credit 4

Contact hours 90

Aim of the Course

To familiarize the technical terms and logical language in NavyaNyaya.

Objectives of the Course

1. To enable the students to understand the technical terms of Navya-Nyaya.
2. To understand the students the application of the technical language.
3. To achieve the skills of employing logical language.

Course Outline

Module I – Introduction of the Technical terms, Origin and Characteristics of the technical terms.

Module II - Commonly used Technical terms in Navya-Nyaya system vizdharma, Jati, Upadhi, Sambandha. Avacchedaka, Avacchinna, Pratiyogi, Anuyogi, Visesyata, Visesanata, Prakarata, Adheyata, Adhikaranata, etc.

Module III - A detailed study of the technical terms with examples

Module IV – Practical utility of the technical terms.

Essential Reading

1. Navya -NyayabhasaPradeepa of MaheshchandraNyayaratna with the English translation of UjjawalaJha, Published by Asiatic Society, Kolkata, 2004.

Additional Reading –

1. Anukramanika of Kiranavali commentary of Muktavali – Sreekrishnavallabhacarya,
Published by Chaukhambha Sanskrit Sansthan, Varanasi, 2011.
2. Navyanyaya system of Logic-D.C.Guha
2. Navyanyaya system of Logic-D.C.Guha (Hindi)

SEMESTER - V

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – V

Environmental Science and Nyaya - Vaisesika Philosophy

Credit 4

Contact hours 90

Aim of the Course

It aims to sensitise the young generation on the importance of Nature.

To sensitise them on the importance of the protection of the Nature.

To make them aware that the polluting the Air and Water will lead the mankind

to an abrupt extinct due to chemicals etc.

To make them think in favour of avoiding pollution and their by avoiding the

breakage of Ozon.

To make them know the contribution of Nyaya- Vaisesika Philosophy and at large of our country towards the protection of the Natural circumstance prevalent on the Earth.

Objectives of the Course

1. To create an awareness on the basics of Environmental science and allied subjects.
2. To impart general awareness on Nature, Natural resources and their preservation
3. To make the understand the effects of the ruin of the natural resources and How to avoid the ruin

4. To make them aware of the contribution of NyayaVaisesika Philosophy towards knowing the nature

Module I

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 hrs)

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

a) **Forest resources:** Use and over-exploitation, deforestation, case studies.

Timber extraction, mining, dams and their effects on forest and tribal people.

b) **Water resources:** Use and over-utilization of surface and ground water,

floods, drought, conflicts over water, dams-benefits and problems.

c) **Mineral resources:** Use and exploitation, environmental effects of extracting

and using mineral resources, case studies.

d) **Food resources:** World food problems, changes caused by agriculture and

overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water

logging, salinity, case studies.

e) **Energy resources:** Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.

f) **Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification

- Role of individual in conservation of natural resources.
- Equitable use of resources for sustainable life styles.

10 hrs)

Unit 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.

- Introduction, types, characteristic features, structure and function of the given ecosystem:-
Forest ecosystem

(6hrs)

Module II

Unit 1: Biodiversity and its conservation

- Introduction
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- India as a mega-diversity nation
- Hot-spots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered and endemic species of India

(8hrs)

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- v. Air pollution
- w. Water pollution
- x. Soil pollution
- y. Marine pollution
- z. Noise pollution
- aa. Thermal pollution
- bb. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides. **(8 hrs)**

Unit 3: Social Issues and the Environment

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people: its problems and concerns, Case studies
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, Case studies
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act

- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness (10 hrs)

Module – III

Constitution and destruction of the Physical world (Prasastapadabhasya) (10 hrs)

Module – IV

General definition of the five physical elements (Nyayasiddhantamuktavali – Gunanirupana)

(10 hrs)

Module – V

Unit 1- Human Rights– An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations – contributions, main human rights related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights - Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthuriengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc.

(8 Hrs)

Internal: Field study

- Visit to a local area to document environmental grassland/ hill /mountain

- Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

REFERENCES

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38. Down to Earth, Centre for Science and Environment (Ref)
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40. Jadhav.H&Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
41. Mekinney, M.L &Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
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43. Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
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45. Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
46. Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
47. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science (Ref)
48. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Stadards, Vol I and II, Enviro Media (Ref)

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50. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)
51. (M) Magazine (R) Reference (TB) Textbook

Human Rights

1. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
2. Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy (Shimla: Indian Institute of Advanced Studies, 1998)
3. Law Relating to Human Rights, Asia Law House, 2001.
4. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
5. S.K.Khanna, Children And The Human Rights, Common Wealth Publishers, 1998. 2011.
6. Sudhir Kapoor, Human Rights in 21st Century, Mangal Deep Publications, Jaipur, 2001.
7. United Nations Development Programme, Human Development Report 2004: Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press, 2004.

SEMESTER - V

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core VI

CRITICAL EXAMINATION OF VAISESIKA CATEGORIES- I

Credit 4

Contact hours 108

Aim of the Course

To understand a general study of Vaisesika categories .

Objectives of the Course

1. To give a general awareness of universe on the whole creation. The awareness of Nyaya-

VaisesikaPhilosophy helps the students to the inter disciplinary studies.

Course Outline

Module I –Establishment of Vaisesika Categories and its divisions.

Module II - Similarities and dissimilarities of categories.

Module III – Special study on Vaisesikacategories.

Module IV – Concept of Perception in Nyaya-Vaisesika Philosophy.

Essential Reading

NyayasiddhantamuktavaliPratyakshakhanda and theDinakari up to the end of Abhavanirnaya, Viswanathapancanana-Chowkhamba Sanskrit series, Varanasi.

Additional Reading

Tarkabhasaof Kesavamisra.

Tarkasamgrahaof Annambhatta.

SEMESTER - V

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – VII

ESTABLISHMENT OF GOD- I

Credit 4

Contact hours 90

Aim of the Course

This course intends to provide a comprehensive knowledge of the proof for the existence of God.

Objectives of the Course

1. Understanding the details of all the matters related to God.
2. Analyzing the arguments against the existence of God.

Course Outline

Module I -सत्पक्षप्रसरस्सतां-----इतिकारिकायाःद्विविधं व्याख्यानम् । ईश्वरनिरूपणस्य प्रसक्तिः ।

Module II –कार्यकारणभावः, अदृष्टसिद्धिः ।

Module III - शक्तिखण्डनम्, संस्कारस्य भोग्यनिष्ठत्वनिराकरणम् , सांख्यमतखण्डनम्, चार्वाकस्य शरीरचैतन्यवादनिरासः ।

Module IV –क्षणभङ्गवादनिराकरणम्, कारणत्वम् ।

Essential Reading

Nyayakusumanjali of Udayanacharya with the **kusumanjalivistara**, Prathamastabaka, Kendriya

Sanskrit Vidyapeetha, Thirupathy, 1980

Additional Reading

1. .Encyclopaedia of Indian Philosophies, Vol. II, MLBD, Delhi
2. Udayana's Philosophy-Dr.K.Visweswaryamma, Nag Publishers, Delhi.

SEMESTER - V

RESTRUCTURED SYLLABUS

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – VIII

CRITICAL EXAMINATION OF VAISESIKA CATEGORIES- II

Credit-4

Contact Hours: 90

Aim of the course

This course aims to provide a comprehensive knowledge of Vaisesika categories and also the qualities such as -cognition, pleasure, painetc and categories like action, generality, particularity etc.

Objectives

- 1 To create an awareness about cognition and means of valid knowledge.
- 2 To create an awareness about the concept of action.
- 3 To understand the main theories about generality and particularity.
- 4 To create an awareness the concept of Inherence in Vaisesika philosophy.

Module I- Definition and division of illusion, doubt, false knowledge, dreams etc.

Module II- Definition and division of right knowledge perception, inference etc.

Module III- Definition of qualities of the Soul.

Module IV Main divisions of action-sapratyaya karma and apratyaya karma.

Essential Reading:

Prasastapadabhasya from Buddhiprakarana up to the end of the text.

Additional Reading:

VaisesikaSutropaskara-SankaraMisra

Nyayakandali-Sridhara

Critical study of Prasastapadabhasya-Dr.s.Peerukkannu.

SEMESTER - V

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Open Course

AYURVEDIC HYGIENE

Credit 3

Instructional Hours 72

Aim of the Course

This course aims to impart general awareness on Ayurveda.

Objectives of the Course

1. To make students aware of Ayurveda.
2. To familiarize the students with the important texts and authors in Ayurveda.
3. To make the students aware of the Ayurvedic concepts on Health and Hygiene,
Disease and Exercise
- 4 To impart knowledge on Bath, Purity. Water, Tamasa, Rajasa and Satvika diet.

Course Outline

- Module I - Definition and Importance of Ayurveda.Kaya-Vaak-Citta-dosas and their treatment.
Ayurvedic Texts and its Authors.
- Module II - Supremacy of Medical Profession.Health and Diseases.
- Module III - Exercises and Pranayama
- Module IV - Bath Internal and External Purity.

Essential Reading

1. वैद्यकीयसुभाषितसाहित्यम् I(Chapter I to X)
T.K.Radhalekshmi
Karthika Books, Thiruvananthapuram.2004

Additional Reading

- 1 भैषज्यरत्नावली ।
चौखम्बा संस्कृत सीरीज् । वाराणसि ।
2. अष्टाङ्गसंग्रहः ।
चौखम्बा संस्कृत सीरीज् । वाराणसि ।

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – IX

VAISESIKASUTRA-TEXT AND INTERPRETATION

Credit-4

Contact hours-90

Aim of the course

This course aims to impart deep knowledge of the Vaisesika theories to the students. So the study of this text will help the students to understand all Vaisesika theories.

Objectives

1. To enable the students to understand the concept of Mangala Vada, dharma, Moksa etc.
2. To create a deep awareness in Vaisesika categories.
3. To impart an awareness about cause and effect theory.

Module I : Concept of Dharma in Vaisesika Philosophy.

Module II: Definition and divisions about dravya, guna and Karma.

Module III: Cause and effect theory in Vaisheshika philosophy.

Module IV: Importance of generality in Vaisheshika philosophy.

Essential Reading

I. Vaisheshika sutropaskara of Sankara Misra. Chapter-1

Additional Reading

- I. Nyayakandali of Sridhara
2. Padarthadharma Samgraha of Prasastapada
3. Dasapadarthasastra.
4. Vaisheshika sutra English

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – X

CRITICALEXAMINATION OF NYAYA CATEGORIES

Credit 4

Contact hours 90

Aim of the Course

To make thorough knowledge on the Nyaya theory of categories through the process of critical examinations.

Objectives of the Course

1. To acquire general awareness about the Critical Examination of Categories.
2. To impart general awareness about the Examination of Valid knowledge.
3. To create general awareness about the sound.

Course Outline

Module I - Critical Examination of Doubt.

Module II - Examination of the means of valid knowledge.

Module III - Examination of the Non-Eternity of sound.

Module IV – Examination of the definition of category.

Essential Reading

Nyaya sutras of Goutama with Vatsyayanabhasya - *Chapter II*

Additional Reading

1. Nyaya sutra of Gouthama Eng. translation. Ganganath Jha.
2. Tarkabhasya of Kesavamisra
3. Nyayasastrapravesika - Dr. T. Aryadevi.

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – XI

ESTABLISHMENT OF GOD – II

CREDIT: 4

CONTACT HOURS: 90

Aim of the Course

Imparting comprehensive knowledge of inferential proofs put forth by Udayanacharya for God's existence

Objectives of the Course

1. Thorough knowledge of Udayana's stand on the objections raised by Mimamsaka and Samkhya
2. To understand the arguments and counter arguments in respect of God's existence.
3. Understanding God as the author of the Veda.
4. To develop the dialectical skill.

Course Outline

Module I - परतः प्रामाण्यवादस्थापनम् ।

Module II - शब्दस्य नित्यत्वानित्यत्वविचारः, शब्दध्वंसस्य प्रत्यक्षत्वम् ।

Module III - वेदस्य नित्यत्वानित्यत्वविचारः, वेदप्रामाण्योपपादनम् ।

Module IV - प्रलयसाधकहेतवः, तन्निराकरणञ्च ।

Essential Reading

Nyayakusumanjali of Udayanacharya with the **kusumanjalivistara, Dvitiyastabaka**, Kendriya Sanskrit Vidyapeetha, Thirupathy, 1980

Additional Reading

1. .Encyclopeadia of Indian Philosophies, Vol. II, MLBD, Delhi
2. Udayana's Philosophy-Dr.K.Visweswaryamma, Nag Publishers, Delhi

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Core – XII

THEORY OF VERBAL KNOWLEDGE

Credits 4

Contact hours 90

Aim of the Course

To impart comprehensive knowledge of the problems of epistemology in general and the theory of verbal cognition in particular.

Objectives of the Course

1. To understand various theories about the Verbal Knowledge
2. To understand the Naiyayika position on the meaning of Prathama
3. To understand the difference between the identical Verbal knowledge

Course Outline

Module I -शाब्दबोधे सम्बन्धस्य आकांक्षाभास्यत्वम् ,अभेदसम्बन्धः, समानवचनकत्वपरिष्कारः,अभेदान्वयविचारः ।

Module II -विशेषणविभक्त्यर्थविचारः । क्रियाविशेषणानामभेदान्वयाकांक्षास्वरूपम् ।

Module III -घटो घट इत्यत्र अभेदान्वयविचारः ।

Module IV - भेदान्वयविचारः -स्तोकः पाकः, राजा पुरुषः, कर्मगच्छति , मुखं चन्द्रःइत्यादीनां प्रयोगविचारः।

Essential Reading

Vyutpattivada of Gadadhara Bhattacharya **Prathama Karaka.**

Additional-Reading

1. Vyutpattivada (Theory of the analysis of the sentence meaning)
Translated by Dr.V.P.Bhatta
2. Critical study of Gadadhara'sVyutpattivada(with introduction, English translation and explanatory notes) by V.P.Bhatta

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Choice Based Core

1. INFERENCE

Credit 3

Contact hours 90

Aim of the Course

To introduce the main principles of inferential knowledge in Nyaya-VaisesikaPhilosophy.

Objectives of the Course

1. To give a general awareness of the inference.
2. To produce knowledge about the invariable concomitance.
3. To familiarize the fallacies in Nyaya - Vaisesika Philosophy.

Course Outline

Module I - Main causes of inferential knowledge.

Module II –Concideration (paramarsa) as the immediate reason for inference.

Module III – Give an awareness about Purvapaksha Vyapti and the reason for its rejection and the definition of Siddhantavyapti.

Module IV – Pakshata, Definition and divisions of Hetvabhasa.

Essential Reading

Nyayasiddhantamuktavali of Viswanathapananana.(Anumanakhanda)

Additional Reading

1. Tarkasangraha of Annambhatta along with Dipika ed.by Y.V.Athalle.
2. Tarkabhasa of Kesavamisraed.by.S.R.Iyer.
- 3 .Encyclopedia of Indian philosophy-Karl.H.Potter

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Choice Based Core

3. BASICS OF TRADITIONAL ARCHITECTURE

Credit 3

Contact hours 90

Aim of the Course

This course aims to impart the students the basics of ancient Vastusastra.

Objectives of the Course

1. To make students aware of elementary principles, concepts and technical terms of Vastusastra.
2. To understand some terms like silpin. Stapati and Bhoomilaksana.
3. To impart knowledge on Brahmasutra, Yama Sutra, Vastupurusa etc.

Course Outline

Module I – Mangalaslōka, Sthpatyadi lakshana, Grharambhakarma (Ch.1)

Module II – Bhoomilaksana, Bhoojativibhaga, Bhoo pereeksha (Ch.1)

Module III – Dingnirnaya, Sutravinyasa, Khandanirnaya, Veethividhana, Bhoovistaravidhi, Marmavidhi (Ch.2)

Module IV – Marmadoshaparihara, Pada kalpana, Vastupurusa kalpana
(Ch.2)

Essential Reading

Manusyalaya Mahacandrika (Chapter 1 & 2 only)

Jyotsyan. K Neelakanthanachary.

S.T.Reddyar Educational and Charitable trust.

S.T.R. Publications. 2005.

Additional Reading

1. Silpibalaprabodhini
Thanneermukkam V.K.Vasu Achary.
Vidyarambham Publishers.
Mullakkal, Alappuzha.2013
2. Tachusastram (Viswakwrmwvin proktam)
Vazhappilli Krishnan Achary
Santha Bok Stall.
Guruvayoor. 1994.

SEMESTER - VI

B. A. DEGREE PROGRAMME

(UGCBCSS)

SANSKRIT SPECIAL NYAYA

Choice Based Core

2. Tarkasara - A Study

Credit 4

Contact hours 90

Aim of the Course

To introduce a Keralite text on fundamentals of Nyaya Vaisesika system.

Objectives of the Course

1. To familiarize the students with the basics of Nyaya Vaisesika through a Keralite work.
2. To familiarize the students with a different treatise on Nyaya Vaisesika.
3. To impart knowledge on Nyaya Vaisesika without introducing Sutras.

Course Outline

Module I - उपक्रमः, शास्त्रप्रयोजनम्, पदार्थाः, लक्षणम्, द्रव्याणि, गुणाः, कर्माणि, सामान्यम्, समवायः, अभावः।

Module II - कार्यकारणभावः, कारणभेदाः, कारणत्वनिर्णयः, बुद्धिभेदाः, प्रत्यक्षम्, इन्द्रियार्थसन्निकर्षः, अनुमितिः, अनुमितिभेदाः।

Module III - हेतुभेदाः, पक्षसपक्षविपक्षाः, हेत्वाभासाः, उपमितिः, शाब्दबोधः, शब्दसहकारीणि।

Module IV - बोधरीतिः, प्रमाभ्रमसंशयाः, द्रव्यभेदाः, गुणभेदाः,
विशेषपदार्थः, साधर्म्यम्, संकेतविवृतिः, निर्वचनसरणिः।

Essential Reading

तर्कसारः।

अनन्तनारायणशास्त्रिणा संकलितः।

The Mangalodayam Co., Ltd, Trisur. 1916

Additional Reading

1. Tarkasangraha.
Annambhatta.

Chaukhambe Sanskrit Series. Varanasi.

2. Tarkamrta.
Jagadeesa.

Chaukhamba Sanskrit Series. Varanasi.

MAHATMA GANDHI UNIVERSITY

KOTTAYAM



REGULATIONS

for

UNDER GRADUATE PROGRAMMES

CHOISE BASED CREDIT SYSTEM

(UGCBCS)

(2017 Admission onwards)

SANSKRIT (SPECIAL) VEDANTA

2017

Introduction

The syllabus of CBCSS B.A Vedanta is changing from 2017 admission onwards. The faculty members of Vedanta department under MG University scrutinized the existing syllabus of the course and tried to incorporate the new studies in the area of study so that the learner may be able to be updated with the developments in the subject without lacking the core. Certain changes are made to assure a minimum knowledge in Sanskrit language and literature to the students. A continuous level of learning is assured by arranging the core papers in a manner that the learner may be able to understand subject from basic level to higher texts. As a part of including environmental a study in UG level, a new paper is introduced in which environmental concepts of Vedic India is also included with the prescribed syllabus of the University. We hope that this syllabus may help the student to learn Sanskrit special Vedanta in a better way which may suit to the new educational concepts.

Sanskrit (Special) Vedanta

Semester	Sl. No.	Course Code	Course	Topic	Instructional Hours	Credits	External-Internal	
Semester I	1	SK1CCT01	Common English I		5	4	80-20	
	2		Common English II		4	3	80-20	
	3		Common Adl. Language I		4	4	80-20	
	4	SA1CRT01	Core I		Methodology To Vedanta BharatiyaDarsana padhati	4	3	80-20
	5	SA1CMT01	Complementary I		Sahitya – Poetry and Applied Alankara	4	3	80-20
	6	SA1CMT02	Complementary II		Samskrutabodhini (Basics of Sanskrit grammar)	4	3	80-20
Semester II	7	SK2CCT02	Common English III		5	4	80-20	
	8		Common English IV		4	3	80-20	
	9		Common Adl. Language II		4	4	80-20	
	10	SA2CRT02	CoreII		Atmanatmaviveka	4	3	80-20
	11	SA2CMT03	Complementary III		Vyakarana	4	3	80-20
	12	SA2CMT04	Complementary IV		History of Vedanta	4	3	80-20

Semester III	13		Common English V		5	4	80-20
	14	SK3CCT03	Common Adl. Language III		5	4	80-20
	15	SA3CRT03	Core III	Sanskrit and Informatics	5	4	80-20
	16	SA3CMT05	Complementary V	Jyotirvijnanam	5	4	80-20
	17	SA3CMT06	Complementary VI	Contemporary Philosophers	5	4	80-20
Semester IV	18		Common English VI		5	4	80-20
	19	SK4CCT04	Common Adl. Language IV		5	4	80-20
	20	SA4CRT04	Core IV	Vedantasara	5	4	80-20
	21	SA4CMT07	Complementary-VII	Nyayabodhini	5	4	80-20
	22	SA4CMT08	Complementary-VIII	Arthasangraha and Linguistics	5	4	80-20
Semester V	23	SA5CRT05	Core V	Chandogyopanishad –Sixth chapter only	5	4	80-20
	24	SA5CRT06	Core VI	Mandukyopanishad with Gaudapadakarika – chapter 1 with Sankara bhashya and 2 without Bhashya	6	4	80-20
	25	SA5CRT07	Core VII	Vedantaparibhasa	5	4	80-20
	26	SA5CRT08	Core VIII	Environmental Science & Human Rights - Vaidikaparyavaranavyavastha	5	4	80-20
	27	SA5OPT01	Open course	Yoga – Theory and Practice	4	3	80-20

Semester VI	28	SA6CRT09	Core IX	Bhagavad Gita – first Three chapters with Sankarabhashya	5	4	80-20
	29	SA6CRT10	Core X	Brahmasutrasankarabhashya – Catusutri	5	4	80-20
	30	SA6CRT11	Core XI	Vedantakarikavali and	5	4	80-20
	31	SA6CRT12	Core XII	Tatvasankhyanam	5	4	80-20
	32	SA6CBT01	Core XIII- Choice Based Core	Panchadasichapters -1,3,4 and 5	5	3	80-20
		SA6CBT02		1.Darsanamala – Complete			
SA6CBT03		2.Advaitacitapadhati – Complete 3. Prataparudriyam					
	SA6PRT01	Project	Topics can be selected by students.		2	80-20	

SYLLABUS
I Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
METHODOLOGY TO VEDANTA
BHARATHEEYA DARSANAPADHATI
CORE 1

भारतीयदर्शनपद्धति:

Core 1

Credit 3

Contact Hours 72

Aim of the course

This course aims to make a general awareness in the learners about Indian philosophy.

Objectives of the course

1. To make aware the students about the basic features of Indian philosophy.
2. To impart knowledge on scope of Indian philosophy.
3. To familiarize the students with atheist systems of Indian philosophy.
4. To create a general awareness about theist systems of Indian philosophy.

Course Outline

Module I – General Introduction of Indian philosophy.

Module II- Characteristics of Indian philosophy.

Module III – Atheist schools in Indian philosophy.

Module IV – Theist schools of Indian philosophy.

Essential Reading Text – An Introduction to Indian Philosophy – (Chapter 1 only -Pages -1-60) Satishchandra Chatterjee and Dheerendra Mohan DattaPublished by University of Calcutta

Additional Reading

BharatheeyaDarsanam - C.V Vasudeva Bhattathiri

SYLLABUS
I Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
COMPLEMENTARY SAHITYA
POETRY & APPLIED ALANKARA

Complementary I

Credit 3

Contact hours 72

Aim of the Course

The aim of the course is to introduce the Kavya literature in Sanskrit and familiarize The Alankaras in Sanskrit poetics.

Objectives of the Course

- To enable the students to understand and appreciate poetry in Sanskrit.
- To help the students to get acquainted with the Alankaras.
- To enable the students to understand the role of Alankaras in Poetry.
- To make them equipped with necessary information on Alankaras.

Course Outline

Module I:

A general introduction to the Kavya literature in Sanskrit, General features of Raghuvamsa, Time and works of Kalidasa.

Module II: Intensive study of Raghuvamsa: Canto II (Slokas 1 to 60 only)

Module III: Concept of Alankaras and the definition of the important Alankaras.

Module IV: The important Five Alankaras applied in the Raghuvamsa Canto II.

Upama, Rupaka, Utpreksha, Arthantharanyasa and Swabhavokti

Essential Reading

1. Raghuvamsa of Kalidasa
2. Kuvalayananda of Appayyadikshita (Vrttirahita) with the commentary of Samanwaya of T.K.RamachndraIyer

Additional Reading

1. Kuvalayananda of Appayyadikshita with the commentary of Alankarachandrika of Vaidyanathasuri
2. Indian Kavya Literature: A.K.Warder.

SYLLABUS
I Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
COMPLEMENTARY II Introduction to Sanskrit Grammar(संस्कृतबोधिनी)
CREDIT 3 **CONTACT HOURS 72**

Aim of the course

This course aims to impart knowledge about the basics of Sanskrit grammar.

Objectives of the course

1. To enable the students to use Sanskrit in advanced level of study.
2. To impart the basic knowledge in translating Sanskrit to English and in return.
3. To equip the students with the knowledge of basics of Sanskrit grammar.

Course outline

Module - I-Translation – The students are trained to make sentences in Sanskrit by using familiar words in their mother tongue and try to translate Sanskrit passages to English and English passages to Sanskrit. Vibhaktiparicaya, Sidharupas of राम ,गुरु ,नदी ,हरि ,पुष्पम् ,लता ,) ,ब्रह्मन् ,आत्मन् ,उपनिषत् ,पितृनपुंसकलिङ्गम्(, अस्मत्इदं ,किं शब्दः त्रिषु लिङ्गेषु ,तत् शब्दः त्रिषु लिङ्गेषु ,युष्मत् , शब्दः त्रिषु लिङ्गेषु।Dhaturupas of भूवन्द,, डुकृञ् and अस् inलट्लङ् , and लृट्should be taught. Exercise for making sentences using these and other similar nouns and verbs should be given. Out of 72 contact hours 35 hours should be used for this module.

ERT Lessons 1-20 of Samskritadipika

Module - II – लघुसिद्धान्तकौमुद्यनुसारं संज्ञाप्रकरणम्।

Module -III –लघुसिद्धान्तकौमुद्यनुसारं सन्धिपरिचयः – इको यणचि – उदाहरणम् सुद्ध्युपास्यः , – एचोऽयवायावः उदाहरणानि यथग्रन्थम् ,उदाहरणानि यथग्रन्थम् -आद् गुणः ,अदेङ् गुणः , भूवादयो धातवः ,उदाहरणानि यथग्रन्थम् -वृद्धिरेचि ,वृद्धिरादैच् ,उरण् रपरः ,क इत्उपदेशेऽजनुनासि – उपसर्गादृति धातौ प्राच्छतिअकः सवर ,अचोऽन्त्यादि टि ,उदाहरणानि यथग्रन्थम् - एङि पररूपम् , णे दीर्घः दूराद्धृते च इत्यारभ्य) प्रकृतिभावविदायकसूत्राणि ,एङः पदान्तादति ,उदाहरणानि यथग्रन्थम् - उदाहरणानि यथग्रन्थम्। - (अच्सन्धौ समासि यावत् सूत्राणि

Module -IV हल्सन्धौ उदाहरणानि यथग्रन् - ष्टना ष्टुः ,उदाहरणानि यथग्रन्थम् - स्तोः श्वना श्वुः -थम् , -शश्चोऽटि ,होऽन्यतरस्याम् झयो ,उदाहरणानि यथग्रन्थम् - यरोऽनुनासिकेऽनुनासिको वा ,झलां जशोऽन्ते उदाहरणानि यथग्रन्थम्। - अनुसावारस्य ययि परसवर्णः ,नश्चापदान्तस्य झलि ,मोऽनुस्वारः ,तच्छ्लोकः – विसर्गसन्धौ विसर्जनीयस्य सः ,हशि च ,अतो रोरप्लुतादप्लुते ,खरवसानयोर्विसर्जनीयः ,ससजुषो रुः , चेट्पादपूरणम्। सोऽचि लोपे ,एतत्तदोः सुलोपोऽकोरनञ्समासे हलि

Essential Reading–

For module one –1. Sidharupa and Samskritadeepika English published by Sri Ramakrishna Math Pala - Lessons 1-20 of Samskritadipika

2. For modules 2,3&4 Laghusidhantakaumudi of Varadarajacarya

Additional Reading

1. Sanskrit Reader published by R. S Vadhyar and Sons Palakkad

2. Kamadhenu by E.P BharataPisharody
3. Prayogadeepika

SYLLABUS
II Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
ATMANATMAVIVEKA

Core II

Credit 3

Contact Hours72

Aim of the course

This course aims to impart awareness on Prakarana books of AdvaitaPhilisophy.

Objectives of the course

1. To make students aware of basic principles of Advaita Philosophy.
2. To familiarize the students with the important prakarana texts and authors in Advaita Philosophy.
3. To impart knowledge about Sri Sankara'sAtmanatmaviveka.

Course outline

Module I	आत्मानात्मस्वरूपादारभ्य अज्ञानपर्यन्तम्।
Module II	अनुबन्धचतुष्टयादारभ्य पञ्चकोशपर्यन्तम्
ModuleIII	अवस्थात्रयादारभ्य आत्मनो पञ्चकोशविलक्षणत्वपर्यन्तम्
Module IV	अवस्थात्रयसाक्षित्वारभ्य मोक्षपर्यन्तम्।

Essential reading

1. Atmanatmaviveka of Sri Sankaracharya with the commentary of Sri. R. Vasudevan Potty

Additional reading

1. Atmanatmaviveka of Dr. Jagadish Chandra Misra. ChowkhambaSamskrtaSansthan, Varanasi.

SYLLABUS
II Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
COMPLEMENTARY III Vyakaranam

CREDIT 3

CONTACT HOURS 72

Aim of the course

This course aims to make awareness on Sanskrit grammar for a student in under graduate level.

Objectives of the course

1. To enable the students to use Sanskrit grammar in advanced level of study.
2. To impart the knowledge of Samasa in Sanskrit.
3. To equip the students with the knowledge of Karakas.

Course outline

Module - I-Samasaparcaya – Kevalasamasa and Avyayeebhavasamasa according to Laghusidhantakaumudi

Module - II – Tatpurushasamasa according to Laghusidhantakaumudi – up to सूत्रम् उपमानानि सामान्यवचनैः तथा उदाहरणम् – देवब्राह्मणः।

Module -III –Bahuvreehisamasa and Dvandasamasa and Samasantapratyayas according to Laghusidhantakaumudi - up to उदाहरणम् – अविद्यमानपुत्रः – अपुत्रः।

Module -IV Karakaprakaranam according to Laghusidhantakaumudi

Essential Reading–

1. Laghusidhantakaumudi – relevant portions

Additional Reading

1. Laghusidhantakaumudi with the commentary of Prof. R. Vasudevan Potty

SYLLABUS

II SEMESTER BA PROGRAMME

SANSKRIT (SPECIAL VEDANTA)

Complementary IV HISTORY OF VEDANTA

Credit 3

Contact Hours 72

Aim of the course

This course aims to impart knowledge about the pre, post and Sankara periods

Objectives of the course

- 1 To make the students aware of the period of Sankara the great Advaita philosopher.
- 2 To teach the students about Advaita Vedanta.
- 3 To make the students aware of the influence of Sankara on Indian Philosophy.

Course outline

Module I Philosophy of Gaudapada

Module II Philosophy of Sankara

Module III Post Sankara Vedantins

Padmapada, Sureswara, Vacaspati, Prakasatma

Module IV MadhusoodanaSaraswathi, Sadananda, and Vidyaranya.

Essential reading

1. A critical survey of Indian Philosophy. Chandradhar Sharma –Module I
2. An Introduction to Indian Philosophy –Datta and Chattergy – chapter X pages-393-470
3. History of Indian Philosophy. S N Das Gupta – Module III and IV

Additional reading

1. BharathiyaDarsanangal. C.V.VasudevaBhattathiri
2. Indian Philosophy.Dr. S Radhakrishnan

SYLLABUS
III SEMESTER BA Programme
Sanskrit (Special) Vedanta
CORE III SANSKRIT & INFORMATICS

Credit 4

Contact Hours 90

Aim of the Course:

To introduce students the use of Information Technology and thus enable them to utilize digital knowledge resources.

Objective of the Course:

- ❖ To review the basic concepts and functional knowledge in the field of informatics.
- ❖ To know the applications of IT in various fields.
- ❖ To impart the techniques of programming.
- ❖ To impart skills to enable students to use digital knowledge resources in learning.

MODULE I

Introduction to Computers

What are computers? – Block diagram of computer – Input & Output devices - Storage devices – Evolution of computers - Generation of computers - Classification of computers - Low level and High level languages - Overview of Operating System -Software concepts - System and Application software packages - Language Translators – Algorithm – Flowchart - Decision Tables - Pseudo Code.

MODULE II

Application of Information technology in higher education & society

Information System (Data, Information, Knowledge & Knowledge Management) -Academic search techniques - Introduction to academic websites - Introduction to use of IT in Teaching and Learning - Introduction to Educational software & academic services - INFLIBNET, NICNET, BRNET - E-Governance - E-commerce - IT in Research & Development - IT in Publishing - IT & Electronic media – Cyber Law -Cyber Crime - Cyber Security - Cyber Threats.

MODULE III

C programming & DBMS

Data types – Variables – Constants – Operators – Expressions – Assignments - Control Statements – Arrays –Functions - Basic concepts of Database Management Systems.

MODULE IV

Software Lab is used for the following:

Windows – Folders – Files - Ms Office (Ms Word, Ms Excel, Ms Power Point) -Internet – Email - Internet Access Methods (Dial Up, DSL, Cable, ISDN, Wi-Fi) - Key board layout for Sanskrit - Natural languages & Computer languages - Unicode – Installing Fonts – Unicode Typing in Devanagari Scripts – Typing Tools and Software.

Recommended Books/Readings:

11. “Fundamentals of Information Technology”- Alex Leon & Mathew Alex Leon, Leon Tech World 1999.
12. “Working with C”- Y.Kanetkar.
13. “Sanskrit Informatics” – R. Raman Nair & L. Sulochana Devi.
14. Websites:- Google, Wikipedia, Sanskrit.du.ac.in, Unicode.org
15. Teacher’s notes and handout

SYLLABUS
III Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
Complimentary V JYŌTIRVIJNANAM

(ज्योतिर्विज्ञानम्)

Credit 4

Contact hours 90

Aim of the course:

भारतीयविज्ञाने ज्योतिःशास्त्रस्य माहात्म्यं प्राधान्यं च प्रत्यभिज्ञायते। ज्योतिःशास्त्रस्वरूपं राशिग्रहादीनां सामान्यपरिचयं च प्राप्नोति।

Objectives of the course:

1. अपरिमितगगनमण्डलस्यपरिचयंसम्पादयति।
2. द्वादशराशीन्तत्रनक्षत्रविन्यासंचपरिचिनेति।
3. ग्रहविषयकज्ञानंसम्पादयति।
4. होरास्कन्धंपरिचिनोति।

Course outline:

- | | | |
|------------|---|---|
| Module I | - | वेदवेदाङ्गपरिचयः। ज्योतिषस्य नेत्रस्थानीयत्वं , त्रिस्कन्धत्वं , षडङ्गत्वं च। |
| Module II | - | द्वादशराशिषुसप्तविंशतिनक्षत्राणांविन्यासः। |
| Module III | - | ग्रहाणाम्आधिपत्यंस्वरूपंकारकत्वंच। |
| Module IV | - | तिथिवासरादिपञ्चाङ्गपरिचयः। |

Essential Reading:

- | | |
|------------------------|---|
| Module I-प्रश्नमार्गः) | (एटक्काट् नम्बूतिरी) प्रथमाध्यायेआद्याः 12 श्लोका |
| ModuleII-III | - बृहज्जातकम्(वराहमिहिरः) प्रथमद्वितीयाध्यायौ। |
| ModuleIV | - शिशुबोधः - (दैवज्ञकलाधरशर्मा)आद्याः नव कारिकाः। |

General Reading:

1. लघुजातकम् (वराहमिहिराचार्यः)।
2. माधवीयम् (माधवाचार्यः)
3. ज्योतिषदीपमाला।
4. सारावली।

SYLLABUS
IV Semester B.A PROGRAMME
Sanskrit (Special) Vedanta
Complimentary VI
HISTORY OF VEDANTA –MODERN THINKERS IN ADVAITA
VEDANTA

Credit 4

Contact Hours 90

Aim of the course

This course aims to make the students familiar with the contemporary versions of advaita Vedanta.

Objectives of the course

1. To introduce the modern thinkers.
2. To teach the students about their outlook towards society.
3. To give the knowledge about the interpretations to Advaita Vedanta by the modern thinkers.

Course Outline

Module I-The philosophy of Vivekananda. Chapter-1 What is Vedanta?

Module II-Life &Philosophy of Brahmananda swami Sivayogi

Module III-The philosophy of Sri. Narayana Guru

Module IV-The visions and contributions of BrahmasriChattambiswamikal

Essential Reading

Swami Vivekananda –**Vedanta-voice of Freedom** Edited by Swami Chedanananda& Published by: AdvaitaAsrama, Culcutta – Module I(Chapter 1)

Contribution of Brahmananda swami sivayogi to Indian Philosophy .by Dr.N.Ushadevi.

(Page-11-24,145-171) Published by Swami Nirmalananda yogi. - Module II

Darsanamala of Sri. Narayanaguru Commentary by – Dr. R. Karunakaran – Introduction Module III

Advaita Philosophy of BrahmasriChattampiSwamikalby: Dr.C.Paulose, Published by AyyavaikuntaNatherSiddasramam, Kanyakumari. – Module IV

SYLLABUS
IV Semester B.A.PROGRAMME
Core IVSANSKRIT (SPECIAL) VEDANTA
VEDANTASARA

Credit 4

Contact Hours90

Aim of the Course

This course aims at making students aware about the fourth Purushartha - Moksa

Objectives of the Course

1. To give the Knowledge of four Purusharthas
2. To achieve the Knowledge about the qualities of a Vedanta students.
3. To know about the concept of Avidya.
4. To acquire the Knowledge about Moksha and the importance of Karmayoga towards Moksa.

Course outline

Module I- Purusharthajnanam

Module II- Anubandhachatustayam of Advita Vedanta.

Module III-Avidyaswarupam –Its divisions

Pranchotpathi-including Pancikaranam, Suksmasariram, and Sthulasariram.

Module IV- Apavadaswarupam- Jivanmuktaswarupam-Karmayoga.

Essential Reading

1. Vedantasara-Sadananda

Additional Reading

1. Indian Philosophy – Dr.S. Radhakrishnan
2. Vedantaparibhasa – Dharmarajadhavarindra

**IV Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
FUNDAMENTALS OF NYAYA PHILOSOPHY
COMPLEMENTARY VII NYAYABODHINI
(Tarkasangraha with Nyayabodhini)**

Credit 4

Contact Hours 90

Aim of the Course

To enable the students to understand the basic principles of Nyaya –Vaisesika Philosophy with specialreference to Navya Nyaya tradition

Objectives of the Course

1. General understanding of the categories of Nyaya Vaisesika Philosophy
2. To enable the students to understand the means of valid knowledge
3. To familiarize the students with the different causes as described in Tarkasangraha
4. To create a general awareness about the validity of pramanas.

Course Outline

Module I – An introduction to Nyaya philosophy and Uddesa part of Tarkasangraha

Module II- Lakshanavicara of Dravya and andGuna up to Sabda

Module III – Budhivicara up to Upamanapramana

Module IV – Sabdapramanavicara, Ayatharthanubhava, remaining Gunas, details of remaining categories up to the end of the text.

Essential Reading Text – Tarkasangraha of Annambhatta with Nyayabodhini commentary

Additional Reading

Tarkasangraha with Dipika

Tarkabhasha of Kesavamisra

SYLLABUS

IV SEMESTER BA PROGRAMME

SANSKRIT (SPECIAL VEDANTA)

Complementary VIII LINGUISTICS AND ARTHASANGRAHA

Credit 4

Contact Hours 90

Aim of the course

1. This course aims at attracting the students towards the study of Sanskrit Linguistics.
2. The purpose of the course is to introduce basic concepts of Mimamsa philosophy.

Objectives of the course

1. To introduce the significance of Language study.
2. To make the students aware of the structural development of the Language.
3. To make awareness about the theoretical methods related with the preparations for Vedic rituals.
4. To enable the students to have an insight of the Vedic Texts.

Course outline

- Module I Origin of language in Aryan languages
- Module II Members and Characteristics of Indo-European family
- Module III An Introduction to the study of Vedas – Bhavanavidhi and the divisions in detail - Pramanas
- Module IV Divisions of Anga, Krama, Parisanghya, Dosha, Mantra and Arthavada

Essential reading

1. Comparative Philology. Prof.T.K.RamachandraIyer
2. Arthasangraha of LaugakshiBhaskara - From the beginning up to Proyogavidhi (definition only), Adhikaravidhi, Mantra, Namadheya, Nishedha and Arthavada.

Additional reading

1. An Introduction to Sanskrit Linguistics. Dr. M. Srimannarayanamoorti
D.K.Publications, 29/9, Nangia Park, Sakti Nagar, Delhi
2. BhashasastraPravesini. Prof.R.S.VenkataramaSastri. Golden Jubilee Publications, The KuppuswamySastri research Institute, Madras.

SYLLABUS
V Semester B.A. Programme
Sanskrit (Special) Vedanta
Core V CHANDOGYOPANISAD

Credit 4

Contact Hours 90

Aim of the Course

This course aims at introducing the Supreme knowledge according to Advaita Vedanta.

Objectives of the Course

1. To explain Sadvidya
2. To disclose the Philosophical versions that represent various stages of material life.
3. The significance of तत्त्वमसिMahavakya.

Course Outline

Module I - JeevaBrahmaikyakathanam

Module II - भूतानां सत्कार्यत्वम्।

Module III - The first five drshtantas that reveal the knowledge content in तत्त्वमसि

Module IV - Remaining drshtantas.

Essential Reading

Chandogyopanishad, **Sastadhyaya** with Sankarabhasya

Additional reading

Upanishads in Sankara's own words – V Panoli

Chandogyopanishad (Malayalam) – Swami Mridananda

SYLLABUS

VSemester B.A. Programme Sanskrit (Special) Vedanta

Core VI MANDUKYOPANISAD

Credit 4

Contact Hours 108

Aim of the Course

The purpose of the course is to create awareness about the doctrines of Advaita Vedanta.

Objectives of the Course

1. To explicate the inner meanings of 'Aum'
2. To enlighten the students regarding the four states of Atman.
3. To convince the students with the reality of Brahman through the falsity of the world.

Course Outline

Module I - ओङ्कारतत्त्वनिर्णयः ।

Module II - आत्मनः चतुष्पात्त्वम् ।

Module III - प्रपञ्चमिथ्यात्वम् ।

Module IV - ब्रह्मणः पारमार्थिकत्वम् ।

Essential Reading

MandukyopanisadGaudapadakarikaAgmaprakarana with Sankarabhāṣya and Vaitathyaprakarana without commentary.

Additional Reading

Upanisads in Sankaras own words (V. Panoli)

Mandukyakarika (Mal) by MrdanandaSwamigal.

“Tattvamasi”, Dr. SukumarAzikode.

SYLLABUS
Semester V B.A. Programme
Sanskrit (Special) Vedanta
Core VII VEDANTAPARIBHASA

Credit 4

Contact Hours 90

Aim of the Course

This course aims to familiarize the prakarana text in the Advaita Vedanta Philosophy.

Objectives of the Course

1. To introduce the Paribhasa text.
2. To know the bhasya texts easily.
3. For the clear knowledge about Pramanas, (Pratyaksa, Anumana, Upamana, Agama, Arthapatti, Anupalabdhi) subject and the aim of the Advaita Vedanta Philosophy.
4. To develop the knowledge about the Advaita Vedanta very clearly.

Course Outline

- Module I- प्रत्यक्षपरिच्छेदः
Module II -अनुमानोपमानपरिच्छेदौ
Module III -आगमार्थापत्त्यनुपलब्धिपरिच्छेदाः
Module IV - विषयपरिच्छेदः
Module IV - प्रयोजनपरिच्छेदः

Essential Reading

Vedantaparibhasa of Dharmarajadhvarindra

References

1. वेदान्तपरिभाषा भगवतीव्याख्योपेता।
2. वेदान्तपरिभाषा with Notes & Prakasa Hindi Commentary by Sri GajananSastriMusalgaonar.
4. Vedantaparibhasa, E.P. AravindakshaPisharoti, Sreeramakrishnamatom, Puranattukara, Trissur, 1991.

SYLLABUS
V Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
Core VIII
ENVIRONMENTAL STUDIES AND HUMAN RIGHTS
VAIDIKAPARYAVARANAVYAVASTHA

वैदिकपर्यावरणव्यवस्था

Credit 4

Contact Hours 90

Aim of the Course

This course aims to make aware the students about the importance of environment and Human Rights.

Objectives of the Course

1. To impart the knowledge of scope and significance of environmental studies.
2. To impart the knowledge about different types of pollution.
3. To impart knowledge of Indian concept about the Earth.
4. To impart the knowledge on the Vedic concept of trees.
5. To make aware the students the Human rights provided in the constitution of India.

Course Outline

Module I

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 hrs)

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

a) **Forest resources:** Use and over-exploitation, deforestation, case studies.

Timber extraction, mining, dams and their effects on forest and tribal people.

b) **Water resources:** Use and over-utilization of surface and ground water,

floods, drought, conflicts over water, dams-benefits and problems.

c) **Mineral resources:** Use and exploitation, environmental effects of extracting

and using mineral resources, case studies.

d) **Food resources:** World food problems, changes caused by agriculture and

overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water

logging, salinity, case studies.

e) **Energy resources:** Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.

f) **Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification

- Role of individual in conservation of natural resources.
- Equitable use of resources for sustainable lifestyles. (10 hrs)

Unit 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the given ecosystem:- Forest ecosystem

(6 hrs)

ModuleII

Unit 1: Biodiversity and its conservation

- Introduction
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- India as a mega-diversity nation
- Hot-spots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered and endemic species of India

(8 hrs)

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- cc. Air pollution
- dd. Water pollution
- ee. Soil pollution
- ff. Marine pollution
- gg. Noise pollution
- hh. Thermal pollution
- ii. Nuclear hazards

- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides. (8hrs)

Unit 3: Social Issues and the Environment

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people: its problems and concerns, Case studies
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, Case studies
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness (10 hrs)

Module III – Bhumisuktam of Atharvaveda.

Module IV – Oshadhiduktam of Rigveda.

Module – V

Unit1-Human Rights– An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations – contributions, main human rights related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights - Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthuriengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc. (8 Hrs)

Internal: Field study

- Visit to a local area to document environmental grassland/ hill /mountain
- Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

REFERENCES

52. Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
53. Clark.R.S., Marine Pollution, Clanderson Press Oxford (Ref)
54. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)
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56. Down to Earth, Centre for Science and Environment (Ref)
57. Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
58. Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
59. Mekinney, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
60. Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
61. Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
62. Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
63. Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
64. Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
65. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell

Science (Ref)

66. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (Ref)
67. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
68. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)
69. (M) Magazine (R) Reference (TB) Textbook

Human Rights

1. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
2. Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy (Shimla: Indian Institute of Advanced Studies, 1998)
3. Law Relating to Human Rights, Asia Law House, 2001.
4. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
5. S.K.Khanna, Children And The Human Rights, Common Wealth Publishers,1998.2011.
6. Sudhir Kapoor, Human Rights in 21st Century, Mangal Deep Publications, Jaipur, 2001.
7. United Nations Development Programme, Human Development Report 2004: Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press, 2004.

Reference for Modules III & IV

Atharvaveda – Bhumisuktam Atharvaved 12.1
Rigveda - Oshadhisuktam.

SYLLABUS
V Semester B.A Sanskrit Programme
Sanskrit (special) Vedanta
Open course
Yoga – Theory and Practice

Credit 4

Contact Hours 72

Aim of course

The course is intended to familiarize the students with the theory and practice of Yoga.

Objective of the course

1. To enable the student to understand the philosophy of Yoga.
2. To familiarize the student with the practice of certain Yoga postures.

Course outline

Module 1- Preliminary aspects of Yoga. First 30 sutras of Yogasutra by Patanjali.

Module 2-Yoga – Physical and Mental training – Sutras 31-40 of Yogasutra by Patanjali.

Module 3-Padmasana, Shirshasana, Sarvangasana, Matsyasana, Bhujangasana, Paschimothanasana, JihvaBandha, Gomukhasana, Chakrasana, Janusirsana, Vrischikhasana, and Langulasana.

Module 4-Food and Fasting in Yoga culture; Emotional background of health and Yoga culture.

Essential Reading

1. Yogasutra with Bhojavritti.
2. Yogic Exercises for the Fit and the Ailing by S. Muzumdar published by Orient Longmans Ltd. Madras.

Additional Reading

1. The Science of Yoga by I. K Taimni published by Theosophical publishing house, Adayar, Chennai.

SYLLABUS
Semester VI B.A. PROGRAMM
Sanskrit (Special) Vedanta
Core IX
BHAGAVADGITA (Chapters 1-3 with Sankarabhashya)

Credit 4

Contact Hours 90

Aim of the Course

This course is proposed to implement the philosophical thinking in purview of day-to-day life.

Objectives of the Course

1. To make the students aware of the study oriented to philosophical thinking.
2. To explain the real nature & significance of Karma.
3. To define the nature of स्थितप्रज्ञ
4. To teach the students about the implied meanings of Yoga & Yajna.

Course Outline

Module I – अर्जुनविषादयोगः

Module II - ज्ञानकर्मसमुच्चयवादनिराकरणम्।

Module III – स्थितप्रज्ञलक्षणम्

Module IV - यज्ञः कर्मप्रकारश्च

Essential Reading

SrimadBhagavadgita four Chapters with Sankara Bhasya.

Additional Reading

Gita tatvabodhini – Published by Gita Press –Gorakhpur

SYLLABUS
VI Semester B.A. Programme
Sanskrit (Special) Vedanta
Core X
BRAHMASUTRAM CHATUSSUTRI

Credit 4
Contact Hours 90

Aim of the Course

To familiarize the sutra text in the Prasthanatraya and the rational approach of Sankara to this text through his Bhasya.

Objectives of the Course

1. To introduce the Sutra text Brahmasutra with Bhasya.
2. To enable students to know Sankara's definition of Adhyasa, different views of Adhyasa and to explain the necessity of Vedantasutrarambha with a view to develop the skill for extensive and intensive reading.
3. To develop the power of logical thinking through the known examples in daily life.
4. To enable the students to know the style of sutra, Adhikarana etc. and to familiarize them with the four sutras, the nature of Brahman, Causality of Brahman and the Samanvaya of Vedantavakyas in Brahman.

Course Outline

Module I – ब्रह्मसूत्रपरिचयः अध्यासस्वरूपम् च ।

Module II - ब्रह्मजिज्ञासा

Module III – ब्रह्मलक्षणम् तस्य शास्त्रयोनित्वञ्च।

Module IV – ब्रह्मणि वेदान्तवाक्यानां समन्वयः

Essential Reading

1. Brahmasutram Chatussutri, Sankarabhasyopetam, Motilal Banarsidas Publishers Pvt. Ltd., Delhi.

Reference

1. ब्रह्मसूत्रशाङ्करभाष्यं भामतीरत्नप्रभा न्यायनिर्णयसमन्वितम्। Choukhamba Vidhyabhavan, Varanasi, Edn 2001.
2. Swami Sivananda, Brahmasutra (Eng.) Motilal Banarsidas, Delhi - 1977.
3. Pandit P. Gopalan Nair, Brahmasutram, The Ethos, Trissur, -1994.
4. Prof. G. Balakrishnan Nair - Brahmasutrashyam, Kerala Bhasha Institute, Trivandrum

SYLLABUS
VI SEMESTER BA PROGRAMME
SANSKRIT (SPECIAL VEDANTA)

Core XI

VEDANTAKARIKAVALI AND TATTVASANKHYANAM

Credit 4

Contact Hours 90

Course outline

Module I Pratyaksha, Anumana and SabdaParicheda

Module II Prkruti and Kalaparichaeda

ModuleIII Jiva and Iswara

Module IV Tatvasankhyanam from Dasaprakaranam

Essential reading

1. Vedantakarikavali(1,2,3,4,5,8 and 9 chapters only)byBucciVenkatacharya
2. Dasaprakaranam by Anandatirtha (Madhva) with the commentary of Jayatirtha.

Additional reading

1Vedantakarikaliviamarsa by Dr. Kedar Prasad Parokha. Sri LalBahadurSastriManitaViswavidyalayam. Delhi.

VI Semester
B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
Core XII
Panchadasi of Vidyanaraya
(1, 3, 4 and 5 Parichedas)

Credit 4
Contact Hours 90

Aim of the Course

This course aims to familiarize the prakarana text in the Advaita Vedanta Philosophy.

Objectives of the Course

1. To introduce the Panchadasi text and Vidyanaraya
2. To impart the knowledge on principles of Advaita
3. To impart the knowledge on Panchakoshas as described in Upanishads.
4. To impart the knowledge on the material world characterized by duality
5. To make one aware about the meaning of four Mahavakyas in Vedanta.

Course Outline

Module I – विद्यारण्यः पञ्चदशी च – परिचयात्मकमध्ययनम्।

Module II – तत्त्वविवेकः।

Module III – पञ्चकोषविवेकः।

Module IV – द्वैतविवेकः महावाक्यविवेकश्च। ,

Essential Reading

Panchadasi of Vidyanaraya with Ramakrishna tika – Chaukhamba, Varanasi

References

1. Panchadasi with Kalyanapiyusha commentary
2. Panchadasi Malayalam commentary by Jnanandaswamikal – Anandakudeeram, Kanyakumari
3. Randu Vidyanaraya Kritikal – Prof. Balakrishnan – Bhasha institute

SYLLABUS
VI SEMESTER BA PROGRAMME
SANSKRIT (SPECIAL VEDANTA)
CHOICE BASED CORE PAPER I
DARSANAMALA of SRI NARAYANA GURU

Credit 3
Contact Hours 90

Aim of the Course

This course aims to familiarize the contribution of Sri Narayana Guru-great Vedanta scholar from Kerala.

Objectives of the Course

1. To introduce the life and philosophy of Sri Narayana Guru
2. To impart the knowledge about the nature of Brahman.
3. To impart knowledge on Narayana guru's perception on Maya, Jnana and Nirvana.
4. To impart the knowledge on the falsity of the world and the four Principle sentences from the Upanishads.

Course Outline

- Module I – General introduction about the social and cultural background of 19th century and the contribution of Sri Narayana Guru in reforming the same.
Module II – Chapters 1, 2, 3 and 4 of Darsanamala.
Module III – Chapters 5, 6, and 7 of Darsanamala.
Module IV – Chapters 8-10 of Darsanamala.

Essential Reading

Darsanamala with the Sanskrit commentary of Dr. R. Karunakaran

References

1. Complete works of Sree Narayana Guru –Malayalam commentary by Dr, T. Bhaskaran

SYLLABUS
V Semester B.A.PROGRAMME
SANSKRIT (SPECIAL) VEDANTA
Choice based core Paper II
Advaitacintapaddhati of ChattampiSwamikal

Credit 4

Contact Hours 90

Aim of the Course

This course is aims to familiarize the contribution of VidyadhirajaChattampiSwamikal to Vedanta philosophy and social life of Kerala.

Objectives of the Course

1. To introduce the life and works of ChattampiSwamikal.
2. To impart the knowledge about the nature of Brahman.
3. To impart knowledge onthe teachings of Advaitacintapaddhati.
4. To impart the knowledge on the falsity of the world and the four Principle sentences from the Upanishads.

Course Outline

Module I – General introduction to the life and works of ChattampiSwamikal.

Module II – Chapters 1and 2 of Advaitacintapahati.

Module III – Chapters 3and 5 of Advaitacintapahati.

Module IV – Chapters 6-7 of Advaitacintapahati.

Essential Reading

Advaitacintapadhati –Sanskrit translation by Dr. Gitamaniamma and Dr. S. Sobhana
Published by Swantham Books Thiruvananthapuram

References

1. Intellectual Biography of ChattampiSwamikal- Dr. LSulochanadevi and Dr. R. Raman Nair.
3. Advaitacintapadhati web resource – link –[http// hindubooks.blogspot.com](http://hindubooks.blogspot.com)

SYLLABUS
VI SEMESTER BA PROGRAMME
SANSKRIT (SPECIAL VEDANTA)
CHOICE BASED CORE PAPER III
PRATAPARUDRIYAM

Credit 4

Contact Hours 90

Aim of the course

To impart a specific knowledge of facts related to Sahityasastra.

Objectives of the course

- 1 To introduce a model Sanskrit drama.
- 2 To enable the students to understand and appreciate drama in Sanskrit.

Course outline

Module 1-Nayakaprakaranamto Kavyaprakarana

Module 2-Natakaprakaranamup to First act

Module 3 – Natakaprakaranam from second act to fifth act.

Module4-Rasaprakaranam

Essential reading

Prataparudriyam of vidyanatha with Rathnapana of kumara swami.

Published by samskrtisevarathna Madras.

Page-1-48, 67-68, 71-91,155-197.

Additional reading

Sahityadarpanam of Viswanatha.

Project topics can be selected by the students.

**MAHATMA GANDHI UNIVERSITY
KOTTAYAM**

**REGULATIONS FOR UNDER GRADUATE
PROGRAMMES UNDER CHOICE BASED
SYSTEM 2017 (UGCBCS2017)
SYLLABUS**

**SANSKRIT JYOTISHA SPECIAL
(2017 ONWARDS)**

INTRODUCTION TO THE REVISED SCHEME AND SYLLABUS – SANSKRIT (SPECIAL) Jyotisha -2017-18 FOR UNDERGRADUATE PROGRAMMES

The syllabus of the undergraduate programme Sanskrit (Special) Jyotisha has been restructured based on the recommendation and suggestion from UGC and Mahatmagandhi University.

The need of incorporating Environmental Science as a compulsory module in a Core course was conveyed considering that the conservation of nature is a need of time. And considering the fact that the ancient Vedic wisdom through various literary works has profoundly articulated the values and definite methods of environment conservation Core course VIII in V Semester has been formulated incorporating important Astrological observation which has an environment perspective and also incorporating current problems facing in the area and possible solutions.

The syllabus is so formulated that from first semester to fourth semester there will be one Core Course and two complementary courses in each semester. One complementary course in every semester will be taken by the mother department (2nd, 4th & 6th) and remaining three complementary courses (1st, 3rd, 5th) will be taken by other departments. In the V semester there will be four core courses and one open course. In the VI semester there will be four core courses and one Choice Based Core Course in which three choices are provided. In the last two semesters combined, there will be a project and its evaluation and Viva Voce will be conducted in the VI Semester.

The details of courses, including Course title, instructional hours, credits and marks are also provided in detail.

B.A. DEGREE PROGRAMME IN SANSKRIT JYOTISHA

Semester	Sl. No.	Course Code	Course	Topic	Instructional Hours	Credits	External-internal
Semester I	1	SK1CCT 01	Common English I	METHODOLOGY OF JYOTISHA- GRAHARASINAKSATR ASAMBANDAH	5	4	80-20
	2		Common English II		4	3	80-20
	3		Common Adl. Language I		4	4	80-20
	4	SJ1CRT 01	Core I		4	3	80-20
	5	SJ1CMT 01	Complementary I		4	3	80-20
	6	SJ1CMT 02	Complementary II		4	3	80-20
Semester II	7	SK2CCT 02	Common English 111	JYŌTIRVIJŅANĀYAM	5	4	80-20
	8		Common English 1V		4	3	80-20
	9		Common Adl. Language II		4	4	80-20
	10	SJ2CRT 02	Core II		4	3	80-20
	11	SJ2CMT 03	Complementary III		4	3	80-20
	12	SJ2CMT 04	Complementary IV		4	3	80-20
				PANCANGAJATAKAGANITAM			

Sem ester III	13		Common English V		5	4	80-20
	14	SK3CCT 03	Common Adl. Language III		5	4	80-20
	15	SJ3CRT 03	Core III	SANSKRIT & INFORMATICS	5	4	80-20
	16	SJ3CMT 05	Complementary V	AN INTRODUCTION TO SANSKRIT LITERATURE AND AESTHETICS	5	4	80-20
	17	SJ3CMT 06	Complementary V1	JANMAPRAKARANAM	5	4	80-20
Sem ester IV	18		Common English V1		5	4	80-20
	19	SK4CCT 04	Common Adl. Language IV		5	4	80-20
	20	SJ4CRTO 04	Core IV	PRASNAVICARAH	5	4	80-20
	21	SJ4CMT 07	Complementary-VII	VYAKARANA PRVESAHA	5	4	80-20
	22	SJ4CMT 08	Complementary -VIII	MUHURTAPARICAYAH	5	4	80-20
Sem ester V	23	SJ5CRT 05	Core V	AYURDASAMRTYUVIC ANANAM	6	4	80-20
	24	SJ5CRT 06	Core VI	BHAVAPHALACINTANAM	5	4	80-20
	25	SJ5CRT 07	CoreVII	VIVAHAPATALAM	5	4	80-20
	26	SJ5CRT 08	CoreVIII	ENVIRONMENTAL SCIENCE & JYOTISHA	5	4	80-20
	27	SJ5OPT 01 SJ5OPT 02 SJ5OPT 03	OPEN COURSE	1.SAMSKRTE VIJNANAM, 2.VASTUVIDYA 3.CIKITSAJYOTISHAM	4	3	80-20
Sem ester Vi	28	SJ6CRT 09	Core IX	SIDDHANTAGANITAM	5	4	80-20
	29	SJ6CRT 10	Core X	KĀLAKALPANAM	5	4	80-20
	30		Core XI	GRAHAGANITAM			

		SJ6CRT 11			5	4	80-20
	31	SJ6CRT 12	Core XII	KARMA- YOGAPRAKARANAM	5	4	80-20
	32	SJ6CBT 01	Core XIII- Choice Based Core	1.BHUVANAKOSAH	5	3	80-20
		SJ6CBT 02		2.RATNAPARIKSHA			
		SJ6CBT 03		3.JYOTISSAMHITA		2	
		SJ6PRT 01	Project	CAN BE SELECTED BY DEPT.			

SYLLABUS
B.A. DEGREE PROGRAMME IN SANSKRIT JYOTISHA

Semester No	Course Title	Course Code	L	C
I	Core Course I	SJ1CRT01	4	3

METHODOLOGY OF JYOTISHA
GRAHARASINAKSATRASAMBAVDHAH

(ग्रहराशिनक्षत्रसम्बन्धः)

Aim of the course:

ज्योतिषशास्त्रस्य महत्त्वम् – स्वरूपं – विकासः – लोकोपकारत्वं च अवगन्तुम्।

Objectives of the course:

1. ज्योतिषाध्ययनक्रमम् आवश्यकतां च अवगच्छति।
2. वेदवेदाङ्गविद्यासु ज्योतिषस्य स्थानं जानाति।
3. अपरिमितगगनमण्डलस्य परिचयं सम्पादयति।
4. होरास्कन्धं परिचिनोति।

Course outline:

- Module I - वेदाङ्गेषु ज्योतिषस्य स्थानम्। ज्योतिषशास्त्रस्वरूपम्
त्रिस्कन्धात्मकत्वम् – तत्र षडङ्गत्वं, पञ्चसिद्धान्ताः च।
- Module II - आचार्यवराहमिहिरपरिचयः, होराशब्दार्थश्च।
- Module IIIIV - द्वादशराशीनां नामानि तेषां स्वरूपाणि नक्षत्रविन्यासः च।
चरस्थिरादिसंज्ञा, स्वभावाः, वर्णाः,
- Module IV - ग्रहाणां परिचयः, राश्याधिपत्यं, स्वरूपं कारकत्वं च।
ग्रहमैत्रीविचारः, बलाबलं, षड्वर्गादिकं च।

Essential Reading:

- Module I - प्रश्नमार्गः (एटक्काट् नम्बूतिरी) प्रथमाध्याये आद्याः 12 श्लोकाः।
- Module II&III - बृहज्जातकम् (वराहमिहिराचार्यः) 1-2 अध्यायौ।

General Reading:

1. गणकतरङ्गिणी।
2. ज्योतिषप्रवेशिका।
3. भारतीयज्योतिषशास्त्रस्येतिहासः।
4. बृहत्पराशरहोराशास्त्रम्।
5. फलदीपिका।
6. बृहत्संहिता।

Semester No	Course Title	Course Code	L	C
I	Complementary Course I	SJ1CMT01	4	3

BASIC THEORIES IN THE NYAYA-VAISESIKA PHILOSOPHIES

Aim of the course:

In Indian Philosophy Nyaya-Vaisesika Systems have a very significant place. It is a key to open all the branches of Indian Philosophy. So this course aims to make a general awareness in the basic theories of these systems.

Objectives of the course:

1. To impart general awareness of the categories and the Mangalavada in the Nyaya-Vaisesika Systems.
2. To familiarize the definitions and divisions of the categories.
3. To enable the students to understand the Nyaya-Vaisesika theories of Inference and Comparison.
4. To creat general awareness of Verbal cognition and its causes etc.

Course outline:

Module I - Mangalavada, definition of the definition, divisions of categories etc.

Module II- Definitions of Substances and qualities etc.

Module III - Definitions of inference, its causes and fallacies etc.

Module IV- Definitions and causes of Comparison and Verbal cognition

Essential Reading:

Module I-IV- 1 Tarkasamgraha of Annambhatta up to the end and Pratyaksakhanda with Deepika.

General Reading

- 1 Tarkkabhasa of Kesavamisra.
- 2 Tarkasara of P.S.Anantanarayanasastri.

Semester No	Course Title	Course Code	L	C
I	Complementary Course II	SJ1CMT02	4	3

JYOTISSASTRAPRAVESAH

(ज्योतिषशास्त्रप्रवेशः)

Aim of the course:

ग्रहराशिनक्षत्रादीनां ज्ञानाय, प्रपञ्चस्य विस्तृतत्वस्य अवगमनाय, संस्कृतभाषाशिक्षणाय च।

Objectives of the course:

1. ज्योतिषशास्त्रसाङ्केतिकसंज्ञापरिचयं लभते।
2. ज्योतिषशास्त्र-संस्कृतसम्बन्धम् अवगच्छति।
3. संस्कृतेन आशयानां स्वीकरणाय अभिव्यञ्जनाय च शक्तिं सम्पादयति।
4. संस्कृतेन वाक्यरचनासामर्थ्यं सिद्ध्यति।

Course outline:

- Module I - ज्योतिषशास्त्रसाङ्केतिकसंज्ञापरिचयः -
राशि-ग्रह-नक्षत्र-वार-तिथि-करण-योगाः
- Module II - ज्योतिषशास्त्रशब्दपरिचयः - विभक्तिपरिचयः, पुंलिङ्गशब्दाः -
अ-इ-उ-ऋ-त-नकारान्ताः। (चन्द्रः, रविः, गुरुः, सविता, भवत्, आत्मन्)
स्त्रीलिङ्गशब्दाः - आ-इ-ई-उ-ऊ-ऋ-ओ-च-द-शकारान्ताः।
(होरा, तिथिः, घटी, धेनुः, वधूः, मातृ, गो, वाक्, उपनिषद्, दिक्)
नपुंसकलिङ्गशब्दाः - अ-इ-उ-ऋ-तकारान्ताः।
(लग्नम्, वारि, मधु, धाता, जगत्)
सर्वनमशब्दाः - तद्, यद्, एतद्, किम्, अस्मद्, युष्मद्, सर्व।
- Module III - क्रियापरिचयः, वाक्यरचना च - भू, अस्, गम्, ज्ञा, पठ्, कृ, वन्द्, एध्
इत्यादीनां लट्, लृट्, लोट्, लङ्, विधिलिङ् लकारेषु रूपाणि।
- Module IV - उपसर्गाः, सङ्ख्या, अव्ययानि -क्त्वा, तुमुन्, ल्यप्, क्तवत्, किम्, कुत्र,
कति, कदा, कुतः, कथं, किमर्थम्, अपि, च, अतः-यतः, यदा - तदा, यदि-
तर्हि, यावत्-तावत्, कियत्, यथा-तथा, चेत् नोचेत्, किन्तु, किल।

Essential Reading:

- Module I - शिशुबोधः (द्वैजकलाधरशर्मा) - आद्याः नव कारिकाः।
- Module II - विभक्तिवल्लरी (संस्कृतभारती, बेङ्गलूर) ।
- Module II-IV - अभ्यासदर्शिनी (संस्कृतभारती, बङ्गलूर) ।

General Reading:

1. रूपचन्द्रिका।
2. माधवीयम् (माधवाचार्यः)
4. पञ्चबोधः।
5. प्रथमदीक्षा (राष्ट्रीयसंस्कृतसंस्थानम्, नवदेहली)

Semester No	Course Title	Course Code	L	C
II	Core course II	SJ2CRT 02	4	3

JYŌTIRVIJÑANĪYAM
(ज्योतिर्विज्ञानीयम्)

Aim of the course:

ग्रहाणां तत्कालस्थितिज्ञानं प्रश्नकर्मावगतिः च।

Objectives of the course:

1. ज्योतिःशास्त्रपाठारम्भक्रमं परिचिनोति।
2. दैवज्ञलक्षणम् – तत् कृत्यम् – पृच्छककृत्यं च जानाति।।
- 2 शुभाशुभसमयनिरूपणज्ञानं भवति।
4. तात्कालिकनिमित्तफलानि अवगच्छति।

Course outline:

- Module I - ज्योतिःशास्त्राधिकारी – दैवज्ञलक्षणम्।
- Module II - ज्योतिःशास्त्रपाठारम्भः, जातकप्रश्नविभागः, प्रश्नस्य प्राधान्यम्।
- Module III - देवज्ञकृत्यम्, आरूढविधिः, फलनुर्देशक्रमः।
- Module IV - शुभाशुभसमयनिरूपणम्, श्वासगतिनिरूपणम्, कालविषयः, तात्कालिकनिमित्तानि च।

Essential Reading:

- Module I-IV- प्रश्नमार्गः (एटक्काट् नम्बूतिरी) प्रथमद्वितीयाध्यायौ
(आद्य-द्वादश- श्लोकान् विहाय)

General Reading:

1. सारावली।
2. प्रश्नानुष्ठानपद्धतिः
3. कृष्णीयम्।
4. प्रश्नरीतिः।
5. बृहत्संहिता।
5. प्रश्नकैतुकम्

Semester No	Course Title	Course Code	L	C
II	Complementary III	SJ2CMT03	4	3

VEDANTAPARICHAYA

Aim of the course: वेदान्तशास्त्रस्य अनुबन्धचतुष्टयम् अज्ञानस्वरूपं तत्त्वमसिवाक्यार्थं जीवन्मुक्तस्य स्वरूपं चावगच्छति।

Objectives of the course:

1. वेदान्तशास्त्रस्य प्राथमिकतत्त्वानि अवगच्छति।
2. अज्ञानस्वरूपमवगच्छति।
3. तत्त्वमसिवाक्यार्थमवगच्छति।
4. जीवन्मुक्तस्य स्वरूपं चावगच्छति।

Module I - अनुबन्धचतुष्टयम्।

Module II - अज्ञानम्।

Module III - तत्त्वमसिविचारः।

Module IV - जीवन्मुक्तविचारः।

Essential Reading:

Module I-IV- Vedantasara of Sadananda, Chaukhamba Sanskrit Series
Varanasi

General Reading:

1. Vedantasara of Sadananda with the Sarabodhini Commentary of Gajananasastri.
2. Atmabodha of Sankaracharya

Semester No	Course Title	Course Code	L	C
II	Complementary Course IV	SJ2CMT04	4	3

PANCANGAJATAKAGANITAM

(पञ्चाङ्गजातकगणितम्)

Aim of the course:

नित्यजीवने तिथिवासरनक्षत्रादिव्यवहारः कथमिति ज्ञातुम्।

Objectives of the course:

1. पञ्चाङ्गजातकयोः परिचयं लभते।
2. नक्षत्र-वार-तिथि-करण-योगानाम् गणनापरिचयं प्राप्नोति।
3. जातकगणनपरिचयं प्राप्नोति।
4. जातककुण्डलीनिर्माणसामर्थ्यं प्राप्नोति।

Course outline:

- Module I - पञ्चाङ्गानां विशेषपरिचयः-नक्षत्र-वार-तिथि-करण-योगाः, पञ्चाङ्गगणनं च।
- Module II - पञ्चाङ्गमनुसृत्य जातकगणनं, तत्कालग्रहस्फुटानयनं च।
- Module III - लग्नस्फुटानयनं, भावस्फुटानयनं, जातककुण्डलीनिर्माणं च।
- Module IV - दशा-दशापहारानयनम् ।

Essential Reading:

- Module I - पञ्चाङ्गगणितम् (चौखम्ब, वाराणसी)
- Module II - प्रादेशिकपञ्चाङ्गम्।
- Module III- IV- शुद्धदृग्गणितम् - प्रकीर्णप्रकरणम्।

General Reading:

1. गणितनिर्णयः (पुलियूर् पुरुषोत्तमन् नम्बूतिरी) प्रथमोऽध्यायः
2. पञ्चाङ्गमञ्जूषा।
3. पञ्चबोधः - पूर्वार्धम्।
4. शिशुबोधः।
5. प्रश्नानुष्ठानपद्धतिः।

Semester No	Course Title	Course Code	L	C
III	Core Course III	SJ3CRT03	5	4

Sanskrit & Informatics

**(Common for Sanskrit (Special) Subjects
Nyaya, Sahitya, Vedanta & Vyakarana)**

Aim of the course:

To introduce students the use of Information Technology and thus enable them to utilize digital knowledge resources.

Objectives of the course:

1. To review the basic concepts and functional knowledge in the field of informatics.
2. To know the applications of IT in various fields.
3. To impart the techniques of programming.
4. To impart skills to enable students to use digital knowledge resources in learning.

Course outline:

Module I - *Introduction to Computers*

What are computers? – Block diagram of computer – Input & Output devices - Storage devices – Evolution of computers - Generation of computers - Classification of computers - Low level and High level languages - Overview of Operating System - Software concepts - System and Application software packages - Language Translators – Algorithm – Flowchart - Decision Tables - Pseudo Code.

Module II -

Application of Information technology in higher education & society

Information System (Data, Information, Knowledge & Knowledge Management) - Academic search techniques - Introduction to academic websites - Introduction to use of IT in Teaching and Learning - Introduction to Educational software & academic

services - INFLIBNET, NICNET, BRNET - E-Governance - E-commerce - IT in Research & Development - IT in Publishing - IT & Electronic media – Cyber Law - Cyber Crime - Cyber Security - Cyber Threats.

Module III - *C programming & DBMS*

Data types – Variables – Constants – Operators – Expressions – Assignments - Control Statements – Arrays – Functions - Basic concepts of Database Management Systems.

MODULE IV

Software Lab is used for the following:

Windows – Folders – Files - Ms Office (Ms Word, Ms Excel, Ms Power Point) -Internet – Email - Internet Access Methods (Dial Up, DSL, Cable, ISDN, Wi-Fi) - Key board layout for Sanskrit - Natural languages & Computer languages - Unicode – Installing Fonts – Unicode Typing in Devanagari Scripts – Typing Tools and Software.

Recommended Books/Readings:

16. “Fundamentals of Information Technology”- Alex Leon & Mathew Alex Leon, Leon Tech World 1999.
17. “Working with C”- Y.Kanetkar.
18. “Sanskrit Informatics” – R. Raman Nair & L. Sulochana Devi.
19. Websites:- Google, Wikipedia, Sanskrit.du.ac.in, Unicode.org
20. Teacher’s notes and handout

Semester No	Course Title	Course Code	L	C
III	Complementary V	SJ3CMT05	5	4

An Introduction to Sanskrit Literature and Aesthetics

Aim of the course:

To Introduce the Kavya Literature in Sanskrit and familiarise the alankaras and vrittis in Sanskrit poetics.

Objectives of the course:

1. To enable the student to understand and appreciate the poetry in Sanskrit.
2. To help the student to get acquainted with the Alankaras in Poetry.
3. To help the student to understand the role of vrittis in the Poetry.

Course outline:

Module I :

Narayaneeya of Melputtur Narayanabhata – Dasaka 38 (Krishnavataram)

Module II:

Kumarasambhava of Kalidasa –Canto III verses 1-22(including both verses).

Module III:

Upama, Utpreksha, Ullekha, Dipakam, Atisayokthi, Arthantaranyasa and Svabhavokti with all divisions.

Module IV:

Sragdhara, Sardoolavikreditam, Vasantathilakam, Vamsastham, Indravajra, Upendravajra and Upajathy.

Essential Reading:

For Module I

Narayaneeya of Melputtur Narayana Bhatta Guruvayur Publications –Dasaka 38.

For Module II

Kumarasambhava of Kalidasa Choukhamba, Varanasi– Canto III verses 1- 22.

For Module III

Kuvalayananda of Appayyadiksita R S Vadhyar Kalpathy.

For Module IV

Laghuvrittatarakara of Kedarabhata, R S Vadhyar Kalpathy.

Semester No	Course Title	Course Code	L	C
III	Complementary VI	SJ3CMT06	5	4

JANMAPRAKARANAM

जन्मप्रकरणम्

Aim of the course:

जन्तूनां मनुष्याणां च जन्मविषयकज्ञानावगमनम्।

Objectives of the course:

1. वियोनिजन्मज्ञानं भवति
2. निषेकादिज्ञानं भवति।
2. आर्तवगर्भधारणादियोगलक्षणादिकज्ञानं भवति।
3. बालारिष्टताः सद्योमरणादिकं च अवगच्छति।

Course outline:

- Module I - वियोनिजन्मप्रकरणम्।
- Module II - आर्तवलक्षणम् – गर्भधारणयोगः – पुं स्त्री क्लीबप्रजायोगाः
इत्यादि निषेकप्रकरणम्
- Module III - जन्म कदा भवति । कथं भवति। कुत्र भवति
इत्यादिजन्मप्रकरणम्।
- Module IV - अरिष्टयोगसद्योमरणादिविषयाः।

Essential Reading:

Module I-IV- वराहमिहिरस्य बृहज्जातकस्य 3, 4, 5, 6 अध्यायाः।

General Reading:

1. सारावली - कल्याणवर्मा।
2. फलदीपिका – मन्त्रेश्वरः।
3. जातकादेशः।

Semester No	Course Title	Course Code	L	C
IV	Core Course IV	SJ4CRT04	5	4

PRAŚNAVICARAH

(प्रश्नविचारः)

Aim of the course:

ग्रहस्थित्यनुसारं भाव-दैवानुकूल्य-बाधानिरूपणसामर्थ्यप्रवचनप्राप्तिः।

Objectives of the course:

1. प्रश्नकर्तुः आयुः भावफलं च ज्ञातुं शक्तिं सम्पादयति।
2. द्वादशभावफलं, भावानां शुभाशुभत्वं च पठति।
3. दैवानुकूल्यप्रातिकूल्याद्यवस्थां ज्ञातुम् अवगाहं जनयति।
4. दोषपरिहारादिक्रियाम् अवगच्छति।

Course outline:

- Module I - लग्नादिभावाः, बाह्याभ्यन्तरभावाः, भावनाशलक्षणं, ग्रहकारकत्वम् – इष्टानिष्टभावाः।
- Module II - भावानुभवनशकालाः, शुभपापयोः भावफलं, मान्दिफलम्, ग्रहाणाम् इष्टानिष्टस्थितिफलं, बन्धनादियोगाश्च।
- Module III - दैवानुकूल्यम् बाधाचिन्ता बाधकस्थानपर्यन्तम्।
- Module IV - दृष्टिबाधायाः प्रारभ्य प्रतिक्रियाकर्तृनिरूपणम्।

Essential Reading:

Module I-IV- प्रश्नमार्गः (एटक्काट् नम्बूतिरी) 14, 15 अध्यायौ।

General Reading:

1. भावप्रकाशः (गणेशदैवज्ञः)
2. कृष्णीयम् (कृष्णाचार्यः)
3. फलदीपिका (मन्त्रेश्वरः)
4. सारावली (कल्याणवर्मा)
5. प्रश्नानुष्ठानपद्धतिः।
6. प्रश्नरीतिः।

Semester No	Course Title	Course Code	L	C
IV	Complementary Course VII	SJ4CMT07	5	4

VYAKARANA PRVESH

(व्याकरणप्रवेशः)

Aim of the course:

To introduce the rules of the sandhi to the students and to give an insight to them as to how they should choose the desired case-ending forms. To make them aware of the usages of compounds in Sanskrit.

Objectives of the course:

To help the students acquire the necessary precise knowledge of the rules on sandhi and enlighten them as to which case should be used in a particular situation.

Course outline:

Module I: संज्ञाप्रकरणं (Complete) Selected sutras in the Ac-sandhiprakarana –

इको यणचि, तस्मिन्निति निर्दिष्टे पूर्वस्य, स्थानेऽन्तरतमः, अनचि च, झलां जश् झशि, संयोगान्तस्य लोपः, अलान्त्यस्य एचोऽयवायावः यथासंख्यमनुदेशः समानाम्, वान्तो यि प्रत्यये, अदेङ्गुणः, तपरतत्कालस्य, आद्गुणः, उपदेशेऽनुनासिक इत्, उरण् रपरः, लोप शाकल्यस्य, वृद्धिरादैच्, वृद्धिरेचि एत्येधत्यूठ्सु, उपसर्गाः क्रियायोगे, भूवादयो धातवः, उपसर्गादृति धातौ, एङि पररूपम्, ओमाङोश्च, अकसवर्णे दीर्घः, एङ् पदाल्तादिति, सर्वत्र विभाषा गोः, अनेकाल्शित्सर्वस्य, ङिच्च, अवङ् स्फोटायनस्य, दूराद्धूते च, प्लुतप्रगृह्या अचि नित्यम्, ईदूदेद्द्विवचनं प्रगृह्यम्, अदसोमात्, चादयोऽसत्वे, प्रादयः निपात एकाजनाङ्, ओत्।

Module II स्तोः श्चुना श्चुः, ष्टुना ष्टुः, न पदान्ताट्टोरनाम्, झलां जशोऽन्ते, यरोऽनुनासिकेऽनुनासिको वा, तोर्लि, उदः स्था स्तम्भोः पुर्वस्य, झरो झरि सवर्णे, खरि च, झयो होऽन्यतरस्याम्, शश्छोऽटि, मोऽनुस्वारः, नश्चापदान्तस्य झलि, अनुस्वारस्य ययि परस्सवर्णः, वा पदान्तस्य, ङः सि धुट्, नश्च, शि तुक्, ङमो ह्रस्वादचि ङमुण् नित्यम्। विसर्जनीयस्य सः, वा शारि, ससजुषो रुः, अतो रोरप्लुतादप्लुते, हशि च, हलि सर्वेषाम्, रोः सुपि, रो रि, द्रलोपे पुर्वस्य दीर्घोऽणः विप्रतिषेधे परं कार्यम्, एतददोः सुलोपोऽकोरनञ्समासे हलि, सोऽचि लोपे चोत्पादपुरणम्।

Module III : प्रातिपदिकार्थलिङ्गपरिमाणवचनमात्रे प्रथमा, सम्बोधने च, कर्तुरीप्सिततमं कर्म, अकथितं च, (दुह्याच् इति कारिका च) कर्मणि द्वितीया । , स्वतन्त्र कर्ता, साधकतमं करणं, कर्तृकरणयोस्तृतीया, , कर्मणा यमभिप्रैति स सम्प्रदानम्, चतुर्थी सम्प्रदाने, नमः

स्वस्तिस्वाहास्वधालंवषट्योगाच्च, ध्रुवमपायेऽपादानम्, अपादाने पञ्चमी, षष्ठी शेषे।
आधारोऽधिकरणम्, सप्तम्यधिकरणे च।

Module IV समासः - प्रथमं प्रकरणम्- समासलक्षणं, विग्रहः, समासभेदाः समासार्थाः ,द्वितीयं
प्रकरणं- सोदाहरणं समासभेदाः- अव्ययीभावसमासः, तत्पुरुषसमासः, बहुव्रीहिसमासः, द्वन्द्वसमासः
तेषां विभागाश्च।

Essential Reading: (1) Laghusiddhanta Kaumudi - Chapters Sanjna, Ac - Sandhi,
Hal-Sandhi, visarga Sandhi and vibhaktyartaprakarana.

(2) Samasa of G.Mahabaleswara Bhatt (Published by Samskrta Bharathy Banglore)
(First and Second chapters only)

Additional Reading: Vaiyakarana Siddhanta Kaumudi with the commentary
Balamanorama

Semester No	Course Title	Course Code	L	C
IV	Complementary Course VIII	SJ4CMT08	5	4

MUHURTAPARICAYAH

(मुहूर्तपरिचयः)

Aim of the course:

कालस्य माहात्म्यं जानाति। कालानां शुभाशुभत्वं तत्प्रवचनसामर्थ्यं च प्राप्नोति।

Objectives of the course:

1. शुभाशुभकालबोधं प्राप्नोति।
2. दोषसामान्यलक्षणम् अवगच्छति।
3. विवाहादिविहितकर्मणां मुहूर्तनिर्णयनं कर्तुं परिचयं प्राप्नोति।
4. मुहूर्तनिर्णयनानन्तरं फलप्रवचनं कर्तुं सामर्थ्यं लभते।

Course outline:

- Module I - दोषसामान्यलक्षणं, दोषापवादाः, गुणाश्च।
 Module II - नित्यदोषाः, षट् दोषाः, कर्तृदोषाः, मासभेदाः च।
 Module III - षोडश संस्काराः।
 Module IV - नामकरण-अन्नप्राश-विद्यारम्भ-कर्णवेध-उपनयन-विवाह-
 कलश- गृहारम्भ-गृहप्रवेश-यात्रा-कृषि-औषधमुहूर्ताः।

Essential Reading:

- Module I - माधवीयम् - 2, 3, 4 अध्यायाः
 Module II-IV- मुहूर्तपदवी ।

General Reading:

1. मुहूर्तचिन्तामणिः।
2. मुहूर्तमार्तण्डः।
3. कालदीपकम्।
4. मुहूर्तरत्नम्
5. प्रश्नमार्गः।
6. पञ्चाङ्गम्।

Semester No	Course Title	Course Code	L	C
V	Core Course V	SJ5CRT05	6	4

AYURDASAMRTYUVICINTANAM

आयुर्दशामृत्युविचिन्तनम्

Aim of the course:

जातकानाम् आयुर्भावविचिन्तनं दशाफलविचिन्तनञ्च कर्तुं सामर्थ्यं प्राप्नोति।

Objectives of the course:

1. आयुर्दायसम्प्रदायपरिज्ञानं लभते।
2. जातानाम् आयुषमधिकृत्य फलप्रवचनं कर्तुं परिचयं प्राप्नोति।
3. सूर्यादिग्रहाणां दशाकालं तत्फलं च प्रवक्तुं सामर्थ्यं लभते।
4. मृत्युकालयोगादिविषयज्ञानं प्राप्नोति।

Course outline:

- Module I - आयुर्दायगणना-परमायुः इत्यादि -आयुर्दायप्रकरणम् ।
- Module II - दशापरिगणनम् – सूर्यादिग्रहाणां दशाफलम्।
- Module III - मृत्युयोगाः ।
- Module IV - मृत्युदेशकालपरिज्ञानम्।

Essential Reading:

Module I-IV- बृहज्जातकम् - 7, 8, 23 अध्यायाः।

General Reading:

1. लघुजातकम्।
2. केशवीयजातकपद्धतिः।
3. कृष्णीयम्।

Semester No	Course Title	Course Code	L	C
V	Core Course VI	SJ5CRT06	5	4

BHAVAPHALAVICINTANAM

भावफलचिन्तनम्

Aim of the course:

लग्नादि द्वादशभावाश्रयग्रहाणां शुभाशुभफलदायकत्वावगमनम्।

Objectives of the course:

1. लग्नादिद्वादशभावानां निर्णयसामर्थ्यं सम्पादयति।
2. भावेषु ग्रहाणां स्थाननिर्णयावगमननिपुणतां सम्पादयति।
3. शुभाशुभभावानां ज्ञानं सम्पादयति।
4. तमोग्रहयोः गुलिकस्य च प्रश्नफलानुभवे स्वाधीनम् अवगच्छति ।

Course outline:

- Module I - लग्नादि द्वादशभावानां ग्रहाश्रयत्वनिर्णयः।
Module II - भावफलाश्रयप्रकरणं बृहज्जातकमधिकृत्य।
Module III - भावफलाश्रयप्रकरणं चमत्कारचिन्तामणिमधिकृत्य।
Module IV - राहुकेतुगुलिकानां भावफलनिर्णयः।

Essential Reading:

- Module I- III- चमत्कारचिन्तामणिः।
Module II - बृहज्जातकम् – अष्टादशाध्यायः।
Module IV - भावप्रकाशः – राहुभावफलाध्यायः, केतुभावफलाध्यायः।

General Reading:

1. सारावली।
2. भावकुतूहलम्।
3. जातकपारिजातम्।

Semester No	Course Title	Course Code	L	C
V	Core course VII	SJ5CRT07	5	4

VIVAHAPATALAM

विवाहपटलम्

Aim of the course:

दाम्पत्यघटनानिर्णयनसामर्थ्यं तत्फलप्रवचनसामर्थ्यं च प्राप्नोति।

Objectives of the course:

1. विवाहप्रश्ने फलविचिन्तनं कर्तुं सामर्थ्यं प्राप्नोति।
2. दाम्पत्यघटनानिर्णयनक्रमं तत्प्रवचनं च जानाति ।
3. स्त्रीपुरुषानुकूल्यचिन्तापरिज्ञानं लभते।
4. जातकघटनायां प्रायोगिकपरिज्ञानम्।

Course outline:

- Module I - विवाहप्रश्नः - प्रथमभागः।
Module II - विवाहप्रश्नः - द्वितीयभागः ।
Module III - स्त्रीपुरुषानुकूल्यम् – प्रथमभागः।
Module IV - स्त्रीपुरुषानुकूल्यम् – द्वितीयभागः।

Essential Reading:

- Module I-II - प्रश्नमार्गः – सप्तदशाध्यायः ।
Module III- IV- प्रश्नमार्गः – एकविंशाध्यायः।

General Reading:

1. जातकादेशः।
2. विवाहविज्ञानम् – ओणक्कूर् शङ्करगणकः।
3. शशाङ्कशारदीयम्।
4. बृहज्जातकम् – अध्यायः

Semester No	Course Title	Course Code	L	C
V	Core Course VIII	SJ5CRT08	5	4

ENVIRONMENTAL SCIENCE & JYOTISHA

ज्योतिषे पर्यावरणविज्ञानीयम्।

Aim of the course:

पर्यावरणविज्ञानीये सामान्यावबोधं प्राप्नोति। तथा पर्यावरणसंरक्षणस्य अवश्यकतां च अवगच्छति।

Objectives of the course:

1. पर्यावरणविज्ञानीये सामान्यावबोधं सम्पादयति।
2. पर्यावरणसंरक्षणं मम दायित्वमिति छात्राः अवगच्छेयुः।
3. संस्कृतसाहित्ये वेदेषु पुराणेषु इतिहासेषु तथा ज्योतिषादिशास्त्रेषु पर्यावरणविज्ञानीयसम्बन्धिपरामर्शाः अवगच्छन्ति।
4. कथं कथं परिस्थितिः दुष्टा भवतीति ज्ञानं सम्पादयति।

Course outline:

Module I

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance (2 hrs)

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources: Natural resources and associated problems.

a) **Forest resources:** Use and over-exploitation, deforestation, case studies.

Timber extraction, mining, dams and their effects on forest and tribal people.

b) **Water resources:** Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.

c) **Mineral resources:** Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

d) **Food resources:** World food problems, changes caused by agriculture and

overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

e) **Energy resources:** Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.

f) **Land resources:** Land as a resource, land degradation, man induced landslides, soil erosion and desertification

- Role of individual in conservation of natural resources.
- Equitable use of resources for sustainable life styles. (10 hrs)

Unit 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the given ecosystem:- Forest ecosystem

(6 hrs)

Module II

Unit 1: Biodiversity and its conservation

- Introduction
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- India as a mega-diversity nation
- Hot-spots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered and endemic species of India

(8 hrs)

Unit 2: Environmental Pollution

Definition

Causes, effects and control measures of: -

- jj. Air pollution
- kk. Water pollution
- ll. Soil pollution
- mm. Marine pollution
- nn. Noise pollution
- oo. Thermal pollution
- pp. Nuclear hazards
 - Solid waste Management:
Causes, effects and control measures of urban and industrial wastes.
 - Role of an individual in prevention of pollution
 - Pollution case studies
 - Disaster management: floods, earthquake, cyclone and landslides. (8 hrs)

Unit 3: Social Issues and the Environment

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people: its problems and concerns, Case studies
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion , nuclear accidents and holocaust, Case studies
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness (10 hrs)

Module III - Ecological awareness in the Vedas.

Module IV - बृहत्संहिता – वातचक्रविचारः।

Module – V

Unit 1- Human Rights– An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations – contributions, main human rights related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights - Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthuriengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc.

(8 Hrs)

Internal: Field study

- Visit to a local area to document environmental grassland/ hill /mountain
- Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

REFERENCES FOR III & IV MODULES

Module III – Article entitled *Ecological awareness in the Vedas* by Dr.C.M.Neelakandhan in *Indian Scientific Tradition* Edited by Dr.N.V.P.Unithiri, University of Calicut, 2003, Pages 321-329.

Module IV - बृहत्संहिता – वातचक्रविचारः:27th Chapter, 1-11 Verses only

REFERENCES FOR I, II & V MODULES

70. Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
71. Clark.R.S., Marine Pollution, Clarendon Press Oxford (Ref)
72. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)
73. De A.K.Environmental Chemistry, Wiley Eastern Ltd.(Ref)
74. Down to Earth, Centre for Science and Environment (Ref)
75. Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
76. Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
77. Mearns, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
78. Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
79. Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
80. Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
81. Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
82. Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
83. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell

Science (Ref)

84. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (Ref)
85. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
86. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)
87. (M) Magazine (R) Reference (TB) Textbook

Human Rights

1. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
2. Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy (Shimla: Indian Institute of Advanced Studies, 1998)
3. Law Relating to Human Rights, Asia Law House, 2001.
4. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
5. S.K.Khanna, Children and The Human Rights, Common Wealth Publishers, 1998. 2011.
6. Sudhir Kapoor, Human Rights in 21st Century, Mangal Deep Publications, Jaipur, 2001.
7. United Nations Development Programme, Human Development Report 2004: Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press, 2004.

Semester No	Course Title	Course Code	L	C
V	OPEN COURSE - 1	SJ5OCT01	4	4

SAMSKRTE VIJNANAM

(संस्कृते विज्ञानम्)

Aim of the course:

संस्कृतं केवलं भाषा न विज्ञानानां माध्यममपि इति प्रत्यभिज्ञानम्।

Objectives of the course:

1. प्राचीनभारतीयविज्ञानविषयान् जानति।
2. प्राचीनकाले विज्ञानानामुत्पत्तिविकासादीन् जानाति।
3. भारतीयपारम्पर्यकृषिविज्ञानम् अवगच्छति।
4. मेघभेदादिकम् अवगच्छति।

Course outline:

- Module I - विज्ञानस्य उत्पत्तिविकासादयः प्राचीनभारते।
- Module II - विज्ञानानां सामान्यविभाजनम्। तत्र प्राचीनभारतस्य योगदानम्।
- Module III - पारम्पर्यकृषिविज्ञानं कृषिमहत्त्वं च।
- Module IV - कृषिपाराशरानुसारेण मेघानयनं मेघभेदाः वृष्टिविज्ञानम् इत्यादयः।

Essential Reading:

- Module I - भारतीयविज्ञानपरम्परा (संस्कृतभारती, नवदेहली)
1-4 अध्यायाः
- Module II - Science in Samskrit (Samskrit Bharati, New Delhi) ।
- Module III&IV - कृषिपाराशरः – 1-50 श्लोकाः

General Reading:

1. प्रैड् ओफ् इन्त्या (संस्कृतभारती, नवदेहली)
2. प्रबन्धसङ्ग्रहः (विश्वसंस्कृतप्रतिष्ठानम्)
3. संस्कृतशास्त्रवैभवम् (राष्ट्रियसंस्कृतविद्यापीठम्, तिरुपतिः)
4. Science in India (Kerala Bhasha Institute)

Semester No	Course Title	Course Code	L	C
V	OPEN COURSE - 2	SJ5OCT02	5	4

VASTUVIDYA (वास्तुविद्या)

Aim of the course:

भूमे: लक्षणं, शुभाशुभत्वं, वास्तुपरिज्ञानं, गृहनिर्माणपरिज्ञानं, गृहपरिस्थितिज्ञानं च सम्पादयति।

Objectives of the course:

1. लक्षणयुक्तभूमीनां स्वीकरणप्राप्तिं जनयति।
2. गृहनिर्माणरीते: सामर्थ्यं जनयति।
3. उपगृहाणां कूपानां च स्थाननिर्णयज्ञानं सम्पादयति।।
4. पारिस्थितिकसौहृदभूमे: परिज्ञानम्।

Course outline:

Module I - भूमिलक्षणं, ग्राह्यत्याज्यभूमे: स्वरूपं लक्षणं च।

Module II - मनुष्यालयनिर्माणचिन्ता। देवालयमनुष्यालययोः स्थानविवेकः।

Module III - उपगृहाणां कूपानां च स्थाननिर्णयक्रमः।

Module IV - पारिस्थितिकसौहृदवृक्षाः - वृक्षारोपविधिः।

Essential Reading:

Module I, II&IV- मनुष्यालयचन्द्रिका - प्रथमाध्यायः द्वितीयाध्यायः च।

Module III - प्रश्नमार्गः - षड्विंशाध्यायः।

General Reading:

1. वास्तुकौमुदी।
2. तन्त्रसमुच्चयः (शिल्पभागः)।
3. मयमतम्।
4. देवप्रश्नः।

Semester No	Course Title	Course Code	L	C
V	OPEN COURSE - 3	SJ5OCT03	5	4

CIKITSAJYOTISAM
(चिकित्साज्योतिषम्)

Aim of the course:

ज्योतिषे आयुर्वेदविज्ञानम्। आयुर्निर्णयनं तथा रोगाणां निवारणमार्गाः च अवगम्यन्ते।

Objectives of the course:

1. रोगकारणानि रोगभेदान् च अवगच्छति।
2. रोगनिर्णयनिदानपरिज्ञानं लभते ।
3. रोगारम्भप्रशमनकालः कः इति निर्णेतुं शक्तिं सम्पादयति।
4. ज्योतिषद्वारा रोगपरिहारमार्गम् अन्विष्यति।

Course outline:

- Module I - रोगहेतुः पूर्वजन्मनि वा इह जन्मनि वा इत्यादिपरिज्ञानं, विविधाः रोगाः के इत्यादीनां निर्णयः।
- Module II - जातके प्रश्ने वा ग्रहाणां स्थितिवशात् रोगः अस्ति वा न वा अस्ति चेत् कायिकं वा मानसिकं वा इति निर्णयः।
- Module III - रोगः कदा आगतः अस्य रोगस्य शमनकालः कदा इत्यादि प्रमाणानुसारेण पठनम्।
- Module IV - ग्रहाणाम् अनिष्टस्थितिवशात् रोगः जायते वा अथवा पूर्वजन्मकृत-दुष्कृतवशात् जायते वा इति ज्योतिषशास्त्रदृष्ट्या परिज्ञानम्। अस्य रोगस्य परिहारमार्गं प्रश्नमार्गानुसारेण पठति।

Essential Reading:

- Module I -IV- प्रश्नमार्गः 12, 13 अध्यायौ।

General Reading:

1. कृष्णीयम् – अध्यायः 13
2. फलदीपिका – अध्यायः 14
3. चिकित्साज्योतिषम् (मुत्तुस्वामी)
4. अष्टाङ्गहृदयम् – सूत्रस्थानस्य 1,2 अध्यायौ

Semester No	Course Title	Course Code	L	C
VI	Core Course IX	SJ6CRT09	5	4

SIDDHANTAGANITAM

(सिद्धान्तगणितम्)

Aim of the course:

सिद्धान्तलक्षणं कालमानादिकं च अवगच्छति।

Objectives of the course:

1. सिद्धान्तलक्षणम् अवगच्छति।
2. पञ्चसिद्धान्तानां सामान्यपरिचयं लभते।
3. विविधानि कालमानानि अवगच्छति ।
4. अहर्गणानयनप्रकारादिकज्ञानं सम्पादयति।

Course outline:

- Module I - सिद्धान्तलक्षणम् ।
- Module II - कालपरिभाषा-कालमान-ग्रहसाधनादिकम्।
- Module III - अहर्गणानयनम्।
- Module IV - ग्रहगति-ज्यास्पष्टीकरणादिकम्।

Essential Reading:

Module I-IV- सूर्यसिद्धान्तः (मयासुरः) - मध्यमाधिकारः, मानाध्यायः च।

General Reading:

1. सिद्धान्तशिरोमणिः- प्रथमाध्यायः।
2. पञ्चसिद्धान्तिका (वराहमिहिरः)।
3. आर्यभटीयम् (आर्यभटः)
4. ब्रह्मस्फुटसिद्धान्तः(ब्रह्मगुप्तः)।

Semester No	Course Title	Course Code	L	C
VI	Core Course X	SJ6CRT10	5	4

KĀLAKALPANAM

(कालकल्पनम्)

Aim of the course:

कालसङ्कल्पं कालविस्तरं सङ्ख्यासम्प्रदायं च अवगच्छति।

Objectives of the course:

1. सङ्ख्यासम्प्रदायं कालपरिभाषां च अवगच्छति।
2. सौरादि नवविधकालमानानि अवगच्छति।
3. ग्रहकक्ष्याक्रमं कालहोराधिपत्यक्रमं च परिचिनोति।
4. ग्रहाणां प्रकाशकारणादिकज्ञानं सम्पादयति।

Course outline:

- Module I - सङ्ख्यासम्प्रदायाः । आर्यभटीय-भूत-कटपयादिसङ्ख्याः।
- Module II - कालशब्दव्युत्पत्तिः, नवविधकालमानानि।
- Module III - ग्रहकक्ष्याक्रमः।
- Module IV - ग्रहाणां प्रकाशकारणादयः।

Essential Reading:

- Module I - प्रबन्धसङ्ग्रहे कालः कलयतामहम् इति प्रबन्धः।
- Module II-IV- आर्यभटीयम् – कालक्रयापादः ।

General Reading:

1. सूर्यसिद्धान्तः- प्रथमोऽध्यायः।
2. सिद्धान्तशिरोमणिः – मध्यमाधिकारे कालमानाध्यायः।
3. सिद्धान्ततत्त्वविवेकः (कमलाकरः)।

Semester No	Course Title	Course Code	L	C
VI	Core Course XI	SJ6CRT11	5	4

GRAHAGANITAM

(ग्रहगणितम्)

Aim of the course:

ग्रहस्फुटगणितक्रमं शुद्धदृग्गणितसम्प्रदायेन अवगच्छति।

Objectives of the course:

1. कलिवर्ष-शकवर्ष-ग्रिगोरियवर्ष-कोलम्बवर्षाणां परस्परसम्बन्धावगमनं प्राप्यते।
2. करणग्रन्थज्ञानं, ध्रुवादिसम्प्रदायं, मध्यमगणितं च अवगच्छति।
3. मध्यमगणितस्पष्टीकरणग्रहस्फुटानयनज्ञानं च सम्पादयति।
4. मन्दकेन्द्र-शीघ्रकेन्द्रादिव्यवस्थां जानाति।

Course outline:

Module I - कलिदिन-खण्डशेष-ग्रहध्रुव-ग्रहमध्यमानां गणितरीतिः।

Module II - सूर्यचन्द्रस्फुटानयनप्रकारं संस्कारक्रियाः मन्दकेन्द्रव्यवस्था च।

Module III - पञ्चताराग्रहाणां मन्दकेन्द्र-शीघ्रकेन्द्रपरिणतसंस्काराणां परिचयः।

Module IV - ग्रहस्फुटं ग्रहाणां राशिक्षेत्रे विन्यासक्रमः च।

Essential Reading:

Module I-IV- शुद्धदृग्गणितम् (वी.पी.के.पोतुवाल)मध्यमप्रकरणस्फुटप्रकरणे।

General Reading:

1. गणितनिर्णयः।
2. गणितप्रकाशिका।
3. केतकीग्रहगणितम्।

Semester No	Course Title	Course Code	L	C
VI	Core Course XII	SJ6CRT12	5	4

KARMA-YOGAPRAKARANAM

कर्म- योगप्रकरणम्

Aim of the course:

मनुष्याणां कर्मक्षेत्रं, जीवनावस्थादिकं च अवगच्छति।

Objectives of the course:

1. धनावाप्तिमार्गं कर्ममण्डलं च जानाति।
2. राजयोगविषयम् अवगच्छति ।
3. नाभसयोगे ज्ञानं भवति।
4. चन्द्रादिग्रहप्रवृज्यादियोगज्ञानं भवति।

Course outline:

- Module I - अर्थाप्तिः कर्ममण्डलं च।
Module II - राजयोगाः।
Module III - नाभसयोगाः।
Module IV - चान्द्रग्रहादिप्रवृज्यायोगाः।

Essential Reading:

Module I -IV- बृहज्जातकम् 10 -15 अध्यायाः।

General Reading:

1. फलदीपिका।
2. जातकपारिजातः।
3. बृहत्पराशरहोरा।
4. सारावली।

Semester No	Course Title	Course Code	L	C
VI	Choice Based Core - 1	SJ6CBT01	5	3

BHUVANAKOSAH

(भुवनकोशः)

Aim of the course:

गोलपरिभाषा, गोलस्वरूपं, भूगोलवर्णनम् इत्यादिकम् अवगच्छति।

Objectives of the course:

1. गोलस्वरूपवैशिष्ट्यम् अवगच्छति।
2. चतुरश्रगोलीयरूपभेदं जानाति।
3. भूमेः उत्पत्तिः आकर्षणशक्तिः इत्यादिविषयज्ञानं लभते।
4. भूगोले जम्बूद्वीपादीनां स्थितिपरिज्ञानं सिद्ध्यति।

Course outline:

- Module I - गोलप्रशंसा, गोलस्वरूपञ्च।
- Module II - गोलस्वरूपप्रश्नाध्यायः।
- Module III - भुवनकोशो भूम्युत्पत्तिविषयकपौराणिकमतं, सिद्धान्तशिरोमणिकारस्य अभिमतं च।
- Module IV - भूगोलवर्णनां भुवनकोशसंस्थानं च।

Essential Reading:

Module I -IV- सिद्धान्तशिरोमणिः (भास्कराचार्यः) – ग्रहगोलाध्यायस्य 1-3।

General Reading:

1. सूर्यसिद्धान्तः।
2. गोलपरिभाषा।
3. आर्यभटीयम्।

Semester No	Course Title	Course Code	L	C
VI	Choice Based Core - 2	SJ6CBT02	5	3

RATNAPARIKSHA

(रत्नपरीक्षा)

Aim of the course:

रत्नानां गवेषणबुद्ध्या परिज्ञानम्। नित्यजीवने ग्रहाणाम् अनिष्टवशात् जातकदोषपरिहारं तत्तत्-रत्नधारणेन कथमिति विशेषज्ञानं जनयति।

Objectives of the course:

1. रत्नानां विविच्य अवबोधं जनयति।
2. यथार्थरत्नानां परिज्ञानं जनयति।
3. प्रत्येकं जनेन किं रत्नं धरणीयमिति परिज्ञानं लभते।
4. विवधप्रदेशेषु विद्यमानानां रत्नानाम् ज्ञानं प्राप्नोति।

Course outline:

- Module I - वज्र –इन्द्रनील-मरतक- इत्यादिद्वाविंशतिरत्नानां परिचयः।
- Module II - रत्नानि दृष्ट्वा परिशुद्धिपरीक्षणं कथमिति प्रायोगिकज्ञानम्।
- Module III - रत्नानां ग्रहाणां च सम्बन्धः।
- Module IV - नित्यजीवने उपयोक्तव्यरत्नानां प्रायोगिकपरिज्ञानम्।

Essential Reading:

- Module I –IV- बृहत्संहिता (वराहमिहिराचार्यः)
वज्रपरीक्षा, मुक्ताफलपरीक्षा, पद्मरागपरीक्षा, मरतकपरीक्षा
च।

General Reading:

1. फलदीपिका ।
2. पञ्चाङ्गम्।
3. नारदसंहिता।
4. भद्रबाहुसंहिता।
5. अद्भुतसागरः।

Semester No	Course Title	Course Code	L	C
VI	Choice Based Core - 3	SJ6CBT03	5	3

JYOTISSAMSHITA
(ज्योतिस्संहिता)

Aim of the course:

ज्योतिषस्य संहिताभागपरिचयं लभते। निमित्तानां शकुनानां लक्षणानां च समग्रावबोधं प्राप्नोति।

Objectives of the course:

1. त्रिस्कन्धात्मके ज्योतिषे संहितास्कन्धस्य सामान्यपरिचयं लभते।
2. सांवत्सरिकलक्षणम् अवगच्छति।
3. शकुनोत्तरं पाककालविज्ञानं च अवगच्छति।
4. प्रश्नकाले जातानां निमित्तानां लक्षणं तत्फलं च अवगच्छति।

Course outline:

- Module I - संहितास्कन्धः – संहितालक्षणम्।
Module II - सांवत्सरिकसूत्रम्।
Module III - शकुनोत्तराध्यायः, पाकाध्यायः च।
Module IV - प्रश्नकालनिमित्तानि।

Essential Reading:

- Module I- III - बृहत्संहिता – अध्यायाः 1, 2, 96, 97
Module IV - प्रश्नमार्गः – अध्यायः 3

General Reading:

1. नारदसंहिता।
2. अद्भुतसागरः।