



**Darrang College
(Autonomous),
Tezpur-784001**

**Syllabus for
FYUGP
VAC**

Approved by :

Academic Council vide Resolution no. 02, dated- 29/12/2025

**SYLLABUS: VALUE ADDED COURSE
FOUR-YEAR UNDERGRADUATE PROGRAMME (FYUGP)
Darrang College (Autonomous)**

Aims of introducing VAC paper in FYUGP :

The Value Added Course is designed with the following core objectives:

1. To build a solid foundation on the fundamental values that can help in development of character and personality of students.
2. To inculcate awareness and responsibility towards the society
3. To enhance emotional intelligence and self-awareness among the students.
4. Provide interdisciplinary knowledge and holistic education.
5. To guide the students in ethical decision-making and value-driven choices.
6. Encouraging spiritual, moral and cultural growth among the students

Programme Outcomes (POs):

After completion of this course, students will be able to--

- **PO1** - Grasp the core concepts of ecology, ecosystems, biodiversity, natural resources, pollution, and climate change.
- **PO2** – Develop analytical skills to evaluate environmental problems and propose scientific, social, and policy solutions.
- **PO3** – Demonstrate basic skills associated with yoga activities including strength, flexibility, balance and coordination
- **PO4** – Foster the ability to adapt to new technologies and platforms as they emerge, ensuring lifelong relevance in an evolving digital landscape.
- **PO6** - Participants develop a deep understanding of basic computer operations, hardware components, and software applications.
- **PO7**- Develop competency in using productivity software, cloud-based applications, and online collaboration tools, such as those for document creation, data analysis (spreadsheets), and presentations.
- **PO8**- Learn the holistic approach that integrates ancient wisdom with contemporary skills and ethical values.

Teaching-Learning Process:

- Traditional lectures
- Tutorials for concept clarification
- PowerPoint presentations for visual learning

Teaching-Learning Tools:

To support effective delivery of the curriculum, a variety of instructional tools are utilized:

- Whiteboard/Green board/Blackboard
- LCD projectors and monitors
- Smart boards for interactive teaching
- Demonstration of models (if applicable)

Evaluation/ Assessment:

Student progress is continuously evaluated through a combination of formative and summative assessment techniques, including:

- Home assignments
- Seminar presentations to develop communication skills
- In-semester/Sessional examinations (Theory)
- End-semester examinations (Theory)

1 CREDIT = 15 hours (one hour of classroom instruction per week)

**NEP-FYUGP Course Distribution for
Value Added Course
Darrang College (Autonomous)**

COURSE STRUCTURE of Value Added Course in FYUGP (Two papers of 2 credit each in each 1st and 2nd semester)

Semester	Course Name	Code	Credit	Stream
1	ENVIRONMENTAL STUDIES	VAC-01012 (Level-100)	2	For all (Arts+Commerce+Science)
1	Business Ethics and Human Values	VAC-01022 (Level-100)	2	For Commerce
1	DIGITAL LITERACY AND ICT SKILLS	VAC-01032 (Level-100)	2	For Arts & Science
2	YOGA AND WELLNESS	VAC-02012 (Level-100)	2	For Arts & Science
2	Tourism Management	VAC-02022 (Level-100)	2	For Commerce
2	INDIAN KNOWLEDGE SYSTEM	VAC-02032 (Level-100)	2	For all (Arts+Commerce+Science)

FYUGP 1st Semester Value Added Course
Detailed Syllabus of 1st Semester

Title of the Course	ENVIRONMENTAL STUDIES
Paper Code	VAC-01012
Teaching Method	L-T-P
Total Credits	2
Distribution of Marks	30+20 (End Semester Theory+ Internal Assessment)
Course Outcomes	<p>By the end of this course/module, students will be able to:</p> <ul style="list-style-type: none"> • CO1: Gain knowledge about the fundamental concepts of environmental Studies and its importance in daily life of mankind. • CO2: Identify and analyze the impact of human activities on the environment and ecosystems. • CO3: Develop skills to assess and mitigate environmental pollution and degradation. • CO4: Understand the role of individuals and communities in environmental conservation and management. • CO5: Apply environmental principles to real-world problems and make informed decisions.
Contact hours	30 (Theory)

ENVIRONMENTAL STUDIES

THEORY

Credit- 2/ Hours- 30

Unit	Content	Lecture	Tutorial	Practical	Total hours
Unit I: Introduction to Environmental Studies	<ul style="list-style-type: none"> • Concept of environment; Segments of environment: atmosphere, hydrosphere, lithosphere and biosphere. Multidisciplinary nature of environmental studies; Scope and importance • Basic concepts: renewable resources, non-renewable resources, common property resources, tragedy of commons, climate change, global warming. • Concept of sustainable development and SDG's goals. 	08	02	--	10
Unit II: Ecosystem	<ul style="list-style-type: none"> • Concepts of ecosystem and ecology • Structure and function of ecosystem: energy flow in an ecosystem: food chain, food web and ecological succession. • Types of ecosystem: forest ecosystem, mountain ecosystem, grassland ecosystem and aquatic ecosystem (ponds, streams, rivers and lakes) 	08	01	--	09
Unit III: Environmental Pollution	<ul style="list-style-type: none"> • Environmental pollution: types, causes / sources, effects and controls; air, water, soil and noise pollution 	05	01	--	06
Unit IV: Environmental Laws	<ul style="list-style-type: none"> • Environmental Laws: Environment Protection Act (1986); International agreements and treaties: Rio Summit and Kyoto Protocol. 	04	01	--	05

Suggested Readings:

1. Bharucha Erach : Text book on Environmental Studies, UGC, New Delhi
2. Carson, R 2002. Silent Spring. Houghton Mifflin Harcourt.
3. De A.K.: Environmental Chemistry, Wiley Eastern Ltd.
4. Kaushik Anubha and C.P.Kaushik : Perspective in Environmental Studies, New Age International
5. Rajagopalan, R. (2018). Environmental Studies. (3rd Edition) Oxford University Press
6. S. C. Santra (2011): Environmental Science, New Central Book Agency

**FYUGC B.COM PROGRAMME
DETAILED SYLLABUS OF 1ST SEMESTER**

Title of the Course	BUSINESS ETHICS AND HUMAN VALUES
Course Code	VAC-01022
Mature of the Course	Value Added Course (VAC)
Total Credit	02 Credits
Contact Hours	30 Hours
Distribution of Marks	30 (End Sem) + 20 (In-Sem)

COURSE OBJECTIVE:

To enable learners understand the significance of business ethics and its importance of practicing in organizations. The course aims at making the learners understand the appraisal of human values and to be socially responsible.

COURSE OUTCOMES:

1. Knowledge on this subject will enable learners understand ethical issues in business settings.
2. The learners will be able to grasp the importance of values and link them between personal values and professional ethics.
3. The learners will better understand the role of CSR and its implementation in building a positive corporate culture
4. To foster a sense of responsibility and moral conduct among learners.

UNITS	COURSE CONTENTS	L	T	P	Total Hours
Unit-I (16 Marks)	Business Ethics: meaning, scope and importance; Principles and Practices of Business Ethics; Ethics and Decision-making; Moral issues in business; Worker's and Employee's rights and responsibilities; Code of Ethics for	07	01	0	08

	managers; Profit maximization vs Social Responsibility.				
Unit-II (14 Marks)	Human Values and Morals: concept; Work ethics: meaning, characteristics, types and its relevance; Moral dilemmas; Models of Professional Role theories about Action, Custom and Religion.	07	01	0	08
Unit-III (12 Marks)	Corporate Social Responsibility: meaning, evolution; Common indicators for measuring business social performance; Reporting social responsibility measures in annual report.	05	0	0	05
Unit-IV (18 Marks)	Professional Ethics: HRM & Ethics; Creating work committed cultures in organizations; Ethics in advertisements & False claims. Concept only: Mind management, Occupational crime, Whistle-blowing. Quality of work life. Cultivating talents and virtues for excellence.	06	01	02	09
	TOTAL	25	03	02	30

Where, L = Lectures, T = Tutorials, P = Practicals

SUGGESTED READINGS:

- Gaur, R.R; Sangal, R.; Bagaria, G.P. A Foundation Course in Human Values and Professional Ethics, Excel Books.
- Gogate, B.N. Human Values and Professional Ethics, Vikash Publishing House Pvt. Ltd.
- Ghosh, B.N. Business Ethics and Corporate Governance. McGrawHill.
- DcGeorge, Richard T. Business Ethics. Pearson Education.
- Saxena, A; Sharma, S.K. Human Values and Professional Ethics, Vayu Education.
- Suresh, J; Raghavan, V.S. Human Values and Professional Ethics. S.Chand & Sons.

Note: Latest edition of text books may be used

Title of the Course	DIGITAL LITERACY & ICT SKILLS
Paper Code	VAC-01032
Teaching Method	L-T-P
Total Credits	2
Distribution of Marks	30+20 (End Semester Theory+ Internal Assessment)
Course Outcomes	<p>By the end of this course/module, students will be able to:</p> <ul style="list-style-type: none"> • CO1: Students will be able to explain the importance of ICT and demonstrate understanding of basic computer components, operating systems, storage and networking concepts for effective information access. • CO2: Students will be able to practise safe and responsible digital behaviour by managing their digital identity, following cyber safety practices and recognising the relevance of key Indian cyber laws in online activities. • CO3: Students will be able to design effective and ethical presentation slides by applying visual communication principles and appropriate use of images, diagrams, transitions and animations. • CO4: Students will be able to effectively use ICT platforms for learning, e-governance and secure digital payments in everyday academic and personal contexts • CO5: Students will be able to use AI-assisted writing tools responsibly and critically evaluate the benefits, challenges and ethical issues of AI in academic work.
Contact hours	30 (Theory)

DIGITAL LITERACY AND ICT SKILL

THEORY

Credit- 2/ Hours- 30

Unit	Content	Lecture	Tutorial	Practical	Total hours
Unit I: Introduction to Digital Literacy & ICT	<ul style="list-style-type: none"> Meaning, Scope and Importance of ICT, Computer system basics: Hardware, Software, OS concepts, Input/Output devices, Storage fundamentals, Networking (basics only), Different search engines. 	04	01	--	05
Unit II: Digital Literacy	<ul style="list-style-type: none"> Digital identity and digital footprints. Safe online behaviour: Cyber safety, malware, phishing, online frauds, Password management and secure browsing practices), Responsible social media use, Cyber laws: i) Information Technology Act, 2000 (IT Act), ii) Digital Personal Data Protection Act, 2023, iii) Intermediary Guidelines & Digital Media Ethics Code Rules 2021 	05	02	--	07
Unit III: Presentation concepts	<ul style="list-style-type: none"> Component of a presentation slide, Principles of effective visual communication: Audience engagement strategies Ethical use of images: copyright, creative common, diagrams, transitions, animations, good vs bad presentation practices. 	05	02	--	07
Unit IV: ICT Application Laws	<ul style="list-style-type: none"> ICT in learning: SWAYAM, NPTEL, MOOCs. E-governance: DigiLocker, UMANG, Aadhaar enable services Digital payments: UPI, Wallet, safety in online transactions. 	05	02	--	07
Unit V: AI in education	<ul style="list-style-type: none"> Basic concepts of AI, AI assisted writing support (grammar checkers, paraphrasing and summarization), Ethical use of AI in academic writing. Benefits and challenges of AI in academic writing. 	03	01	--	04

Suggested Readings

1. NCERT, *Information and Communication Technology Skills* (Class XI vocational module; useful for basics of ICT, hardware, software and applications).

2. CBWE, *Digital Literacy* (Central Board for Workers Education monograph giving Indian context, schemes and digital literacy concepts).
3. Ministry of Minority Affairs, *Digital Literacy* booklet (overview of digital devices and skills with simple explanations).
4. USAID, *Digital Literacy Primer* (global perspective on digital literacy, skills and frameworks; good for teacher reference).
5. National Digital Literacy Mission / Digital Saksharta Abhiyan (NDLM / DISHA) – scheme details, definition of digital literacy, and training modules.
6. NIELIT – Digital Literacy Courses (ACC, BCC, CCC etc.; useful for aligning outcomes and examples).
7. Digital India official portal – background on Digital India, e-governance and digital public infrastructure.
8. CIET–NCERT “Digital education initiatives” – list of national platforms such as DIKSHA, SWAYAM and other ICT in education resources.
9. <https://swayam.gov.in>
10. https://swayam.gov.in/nc_details/NPTEL

Title of the Course	YOGA AND WELLNESS
Paper Code	VAC-02012
Teaching Method	L-T-P
Total Credits	2
Distribution of Marks	30+20 (End Semester Theory+ Internal Assessment)
Course Outcomes	<p>By the end of this course/module, students will be able to:</p> <ul style="list-style-type: none"> • CO1: To know the basic concept of yoga, its history and significance in modern time. • CO2: To understand and apply various yoga techniques including Asanas, pranayama and meditation. • CO3: To apply yoga principles in stress management, improvement of concentration and enhancing overall wellness. • CO4: To analyze the concepts of wellness, including physical, emotional and mental well-being, and identify strategies for maintaining a healthy lifestyle.
Contact hours	30 (Theory)

YOGA AND WELLNESS					
THEORY			Credit- 2/ Hours- 30		
Unit	Content	Lecture	Tutorial	Practical	Total hours
Unit I	<ul style="list-style-type: none"> • Etymology, Definition of Yoga, Aims and Importance of Yoga • Basic introduction to Anatomy and Physiology of human body • Relation between Yoga & various organ systems in human body 	08	02-	--	10

	<ul style="list-style-type: none"> • Yogic practices to promote health • Personality and dresses of Yogi. 				
Unit II	<ul style="list-style-type: none"> • Kinds of Yoga, First five Sutras of Patanjali Yoga Sutra; • Astanga Yoga and its importance • Asana and Pranayam: Definition and types, Physical and Mental benefits of various Asana and Pranayamas • Rules to be followed during yogic practices by practitioner 	07	01	02	10
Unit III	<ul style="list-style-type: none"> • Definition and Importance of health and wellness education in modern society • Role of physical fitness in personal wellbeing • Diet and nutrition for health and wellness • Basic introduction to Dhyana/Meditation; Role of yoga and meditation in maintaining health and wellness • Spirituality and mental health, Yoga for stress management 	08	02	--	10

Suggested Readings:

1. Abhedananda, Swami. Yoga Psychology, Calcutta: Ramakrishna Vedanta Math, 1967.
2. Sri Aurobind, Bases of Yoga, Calcutta: Arya Publishing House, 1936.
3. Sri Aurobindo, The Synthesis of Yoga, Kolkata: Edition Next Publisher, 1948.
4. Bajpai, R.S. The Splendours and Dimensions of Yoga, Vol.I, New Delhi: Atlantic Publishers, 2002.
5. Dasgupta S.N. Yoga as Philosophy and Religion, Plymouth: William Brendon & Son, 1924.
6. Dixit, Suresh. Swasthya Shiksha, New Delhi: Sports Publication, 2006.
7. Dukes, Sir Paul. The Yoga of Health, Youth and Joy, London: Cassel and Company, 1960
8. Gore, Makarand Madhukar. Anatomy and Physiology of Yogic Practices, Lonavala: KanchanPrakashan, 1984.
9. Haṭhayogapradīpikā. Ed. Swami Muktibodhananda, Munger: Yoga Publication Trust, 1985.

10. Iyenger, B.K.S. Light on the Yoga Sutras of Patañjali, London: George Allen and Unwin Ltd,1966.
11. Pātañjalayogadarśanam. With Bhasya of Vyasa,Ed. Rama Shankar Tripath, Varanasi:Chowkhamba Krishnadas Academy, 2017.
12. Prāṇāyāma, Vivekananda Kendra Prakashan Trust, Chennai. 2016.
13. Satyananda, Swami Saraswati. Āsana, Prāṇāyāma, Mudrā and Bandha, Munger: YogaPublication Trust, 1969.
14. Sengupta, Pallav. Health Impact of Yoga and Prāṇāyāma: A State of the Art Review,International Journal of Preventive Medicine, Vol.3, Issue 7, 2012.
15. Woods, J.H. The Yoga System of Patañjali, Delhi: Motilal Banarasidass, 2007.
16. Whicher, Ian.The integrity of the Yoga Darshana: A Reconsideration of Classical Yoga,Delhi: D.K.Printworld, 2000.
17. Legget, Trevor. Sankara on the Yoga Sutra: A full translation of the newly discovered text, Delhi: Motilal Banarsidass,2006.
18. Radhakrishnan, S. Indian Philosophy. Vol. I & II, London: George Allen & Unwin, 1958.
19. PātanjalaYogdarśana , Gita Press, Gorakhpur.
20. Yogapradīpa, Gita press, Gorakhpur.
21. Yoga and Physical Education, National Council of Educational Research and Training (NCERT), India.

**FYUGC B.COM PROGRAMME
DETAILED SYLLABUS OF 2ND SEMESTER**

Title of the Course	TOURISM MANAGEMENT
Course Code	VAC-02022
Mature of the Course	Value Added Course (VAC)
Total Credit	02 Credits
Contact Hours	30 Hours
Distribution of Marks	30 (End Sem) + 20 (In-Sem)

COURSE OBJECTIVE:

The course aims to enable students to understand key concepts and strategies of the tourism industry, and develop their skills in the tourism sector in the areas of operations and customer relationships. It enables them to understand the impact of tourism on different tourist destinations.

COURSE OUTCOMES:

1. To impart knowledge and understanding to students on tourism management
2. To develop students' skills in managing service operations and customer relationships.
3. To understand the organisational structure of tourism management.
4. To equip students with the ability to analyse tourism trends, sustainable practices, and the impact of tourism on the economy, culture, and environment.

UNITS	COURSE CONTENTS	L	T	P	Total Hours
Unit-I (8 Marks)	<ul style="list-style-type: none"> • Concept, Scope, and Importance of Tourism, Types and classification of tourism: inbound, outbound, domestic and international. • Forms of tourism: Leisure & Recreational tourism, Business tourism, Cultural& Heritage tourism, Eco &community-based tourism, Rural tourism, Adventure tourism, Medical& Wellness tourism, Religious& Pilgrimage tourism, Sports & Event Tourism, Luxury tourism, Rail and cruise tourism • Types of Tourists: travelers, excursionists. 	5	2	2	9
Unit-II (12 Marks)	<p>Tourism Industry and Drivers of Tourism</p> <ul style="list-style-type: none"> • Tourism Industry: nature, characteristics and components of the tourism industry, push-pull factors in the tourism industry. Tourism planning and development, 	7	3	0	10

Drivers of Tourism:

- Travel intermediaries: the concept and role of travel agents and Tour operators. Accommodation sector: concepts and importance of Hotels, Resorts, Motels, Homestays, Guest Houses. Role of transportation in tourism: Air, water, Rail, Road; Role of Information Technology in Tourism.

Tourism organizations and Role:

- International: UNWTO, WTTC, IATA, PATA, UFTAA
- National: Ministry of Tourism, ITDC, NTOs, IATO.
- State tourism organizations

Unit-III (5 Marks)	Tourism Marketing and Consumer Behaviour Concept of tourism marketing, Marketing mix in tourism (7Ps), Tourist motivation and decision-making process, factors influencing tourism supply. Promotion tools: advertising, Digital marketing, and social media. Role of branding in tourism destinations	3	3	0	6
Unit-IV (5 Marks)	Sustainability and the emerging trend of tourism • Concept of sustainable tourism, Responsible and ethical tourism, impact of tourism in the destination: economic, social-cultural and environmental. Challenges and prospects of tourism in India. • Emerging trends: Smart tourism and Virtual tourism • Case studies and fieldwork.	2	1	2	5
TOTAL		26	4	0	30

Where, L = Lectures, T = Tutorials, P = Practicals

Suggested Readings:

- **Tourism in India: A Sectoral Analysis** by B.K. Goswami
- **Tourism: Principles, Practices, Philosophies** by Charles R. Goeldner & J.R. Brent Ritchie
- **Tourism Management** by Stephen J. Page
- **Introduction to Tourism and Hospitality in BC** by Westcott St., et al
- **Hospitality and Tourism Management** by S.K. Bhatia
- **Tourism Marketing: A Strategic Approach** – Alastair M. Morrison

Title of the Course	INDIAN KNOWLEDGE SYSTEM
Paper Code	VAC-02032
Teaching Method	L-T-P
Total Credits	2
Distribution of Marks	30+20 (End Semester Theory+ Internal Assessment)
Course Outcomes	<p>By the end of this course/module, students will be able to:</p> <ul style="list-style-type: none"> • CO1: Studying the Vedas and Upanishads offers learning outcomes that span <i>personal transformation, ethical guidance, cognitive development, and a holistic understanding of existence</i>. Students will be able to receive a framework for <i>self-realization and navigation of modern life with resilience and purpose</i>. • CO2: The essence of Indian Knowledge (IK) focuses on understanding India's rich, holistic knowledge systems, emphasizing <i>self-reliance, sustainability, ethical living, and interconnectedness</i>, leading students to appreciate <i>traditional wisdom for global sharing</i>, fostering a deep <i>connection to cultural roots and diverse intellectual traditions</i>. • CO3: The students will understand core concepts of <i>Dharma, Karma, Moksha</i>, and will be able to identify major schools like <i>Vedanta, Yoga, Nyaya</i>, etc. The students will develop critical thinking, comparing traditions (orthodox/heterodox), and will apply these ancient insights to contemporary life, aiming for holistic understanding beyond mere speculation. • CO4: The students will achieve a deep understanding of <i>holistic health principles</i>, proficiency in specific <i>yogic and therapeutic techniques</i>, and the ability to apply this knowledge for <i>wellness promotion and disease prevention</i>.
Contact hours	30 (Theory)

VAC- 4/ INDIAN KNOWLEDGE SYSTEM

THEORY

Credit- 2/ Hours- 30

Unit	Content	Lecture	Tutorial	Practical	Total hours
Unit I	<ul style="list-style-type: none"> Introduction to the Vedas and Upaniṣads: Vedic Literature-General structure, Gurukul System (Aṣrama Dharma), Upaniṣadic Literature- General Introduction, Philosophical Ideas and Ethics in Upaniṣads, Ṛta, Ṛna, Puruṣārtha, Brahman and Ātman, Mokṣa. 	6	2	0	8
Unit II	<ul style="list-style-type: none"> Essence of Indian Knowledge: Bhagavadgita (Jnanayoga, Karmayoga, and Bhaktiyoga), Ethics of Niskama Karma-Duty (Dharma), Law of Karma (Karmaphala) and Freedom of Will, Svadharma, Sadharana Dharma, Lokasamgraha, Sthitaprajna. 	6	2	0	8
Unit III	<ul style="list-style-type: none"> Introduction to Indian Philosophical Systems: Scientific aspects of Indian Knowledge Systems (IKS): Characteristics of Indian Philosophy, Distinction between Darsana and Philosophy, Pramanas, General Introduction to Indian Philosophical systems (Orthodox and Heterodox), Ancient Indian Science and Technology- Introductory. 	6	2	0	8
Unit IV	<ul style="list-style-type: none"> Introduction to Ayurveda: Core Principles (Vata, Pitta, Kapha), Ayurvedic Approaches- Panchakarma, Ayurveda and its relevance, Integrated Approach to Holistic Health Care 	4	2	0	6

***L= Lecture, T=Tutorial, P=Practical**

Suggested Readings:

1. Chakravarty, G.N. The Concept of Cosmic Harmony in the Rg-Veda. Bangalore: Nagasri Book House, 2005.
2. Chande, M. B. Indian Philosophy in Modern Times. New Delhi: Atlantic Publishers, 2000.

3. Chatterjee, Satish Chandra & D.M Dutta. An Introduction to Indian Philosophy. Kolkata: Rupa and co., 2010.
4. Gambhirananda, Swami. Bhagavad-Gita with the Commentary of Sankaracarya. Advaita Ashrama, Kolkata, 2018.
5. Gambhirananda, Swami. Eight Upanishads: With the Commentary of Shankaracharya. Advaita Ashrama, Kolkata, 2010.
6. Panda, N. C. Bhagavad Gita: A New Exposition in a Broader Spectrum. New Delhi: D.K. Print world Ltd. 2009.
7. Radhakrishnan, S and J. H. Muirhead (ed.), Contemporary Indian Philosophy. George Allen & Unwin Ltd., 1952.
8. Radhakrishnan, S. The Bhagavadgita. USA: Harper Collins, 2011.
9. Radhakrishnan, S. The Principal Upanishads. USA: Harpercollins, 2006.
10. Vivekananda, Swami. The Complete Works of Swami Vivekananda. Kolkata: Advaita Ashrama, 2008.
11. Kapoor, Kapil, Avadesh Kr. Singh (eds.) Indian Knowledge Systems (Two Vols), IIAS, Shimla, 2005.
12. Moore, Charles A.(ed.)The Indian Mind: Essentials of Indian Philosophy and Culture, University of Hawaii Press, Honolulu, 1967.