

VALUE ADDED COURSE-4.4 (VAC-4.4)**Semester-IV**

Title of The Course:	INDIA AND ITS CULTURE-2
Value Added Course-4.4 Paper Code:	VAC-4.4
Semester = IV	
Credit = 2, Lecture 30, Marks 25, Question Pattern - MCQ	
Objectives of the Course:	i. To understand the Indian culture and its significance ii. To understand the different aspects of the Indian culture during ancient, medieval and modern period. iii. To understand about the various ideas and ideologies this greatly impacted Indian people.
Learning Outcomes of the Course	i. Demonstrate a comprehensive understanding of Indian culture through the ages. ii. Critically evaluate primary and secondary sources. iii. Analyze complex historical thoughts and ideas. iv. Develop effective communication and writing skills.
Course Content	
Module: -1	Ancient Indian Ethics and Value (Guptas to Medieval Period) i. Philosophical Thought and Philosophers: Shankaracharya, Ramanuja. ii. Science and Literature: Aryabhata, Varahamihira, Kalidasa, Kalhana, Al-Biruni. iii. Education and Educational Centres: Nalanda, Vikram Shila, Sompura Mahavihara.
Module: -2	Socio-Cultural and Religious Aspects of the Medieval Period i. Religion: Acharya traditions, Bhakti movement, Kabir and Ravidas. ii. Emergence of Sufism: Chishti and Suhrawardy Silsilah. iii. Art and Architecture: Sultanate school of architecture, paintings, and regional styles. iv. Literature: Classical and regional literature in Sanskrit, Persian, and Bengali.
Module: -3	Modern Indian Ideas: Education, Literature, Science and Technology i. Impact of Western ideas and Indian responses: Introduction of Western education system, William Jones and Asiatic Society, Education Commissions, Social Reform Movements with special reference to Raja Ram Mohan Roy and Jyotiba Phule. ii. Rabindranath Tagore and Gandhian philosophy and Education: Shantiniketan and ideas of Gandhian Education. iii. Literature: Mirza Ghalib, Prem Chand, Bankim Chandra Chatterjee, Rabindranath Tagore, Qazi Nazrul Islam. iv. Science and Technology: Emergence of modern scientific thought and

	institutions.
Suggested Readings:	• Singh Upinder, A History of Ancient and Early Medieval India. Delhi, 2008. • Sircar D.C, Indian Epigraphy, New Delhi, 1965. • Staal Frits, Discovering the Vedas : Origins, Mantras, Rituals Insights, New Delhi, 2008. • Possehl G.L, ed. Harappan Civilization- A Recent Perspective, Delhi, 1993 (second edition). • Michell George, The Penguin Guide to the Monuments of India. London, 1989. • Raychaudhuri H.C, Political History of Ancient India with a commentary by B.N.Mukherjee, New Delhi, 1996 (8th edition) • Thapar Romila, Early India: From the Origins to AD 1300, London, 2002 • Thapar Romila (et al). India: Historical Beginnings and the Concept of the Aryan, New Delhi, 2006 • Thapar Romila, From Lineage to State, Delhi, 1996 (2nd Edition) • Agarwal Asvini, The Rise and Fall of the Imperial Guptas, New Delhi, 1988. • Bhattacharya N.N, Ancient Indian Rituals ad Their Social Contents, 2nd ed., 1996. • Bhattacharya N.N, History of Tantric Religion, 1982 Chakravarti Uma, The Social Dimensions of Buddhism. New Delhi: Oxford University•Press, 1987. • Chakravarti Uma, Trade and Traders in Early Indian Society, New Delhi, 2007 (revised edition) • Champakalakshmi R, Trade, Ideology and Urbanization: South India: 300BC to AD 1300, Delhi, 1996. • Chanana D., Slavery in Ancient India as Depicted in Pali and Sanskrit Texts, Delhi, 1960. Gupta P.L, Coins, 4th ed., 1996. • Majumdar R.C (General Editor), The History & Culture of the Indian People, Volumes I – III, Bombay, 1951, 1968, 1970 • Ratnagar Shireen, (ed), Women in Early Indian Societies. New Delhi, 1999. Ratnagar• Shireen, The End of the Great Harappan Tradition, Delhi, 2000 Ratnagar Shireen, Understanding Harappa, Delhi 2001 • Ray Nihar Ranjan, Brajadulal Chattopadhyaya, V.R. Mani and Ranabii Chakravarti eds. A Source Book of Indian Civilization, Kolkata, 2000. • Roy Kumkum, The Emergence of Monarchy in North India: eighth to fourth centuries BC, New Delhi, 1994

- Sahu Bhairabi Prasad (ed.). Iron and Social Change in Early India. New Delhi: Oxford University Press, 2006.
- Salomon Richard, Indian Epigraphy: A Guide to the Study of Inscriptions in Sanskrit, Prakrit, and Other Indo-Aryan Languages. New York, 1998.
- Ali, Muhammad Mohar, History of the Muslims in Bengal, Vol. 1A-B. Riyadh: Imam Muhammad Ibn SA'ud Islamic University, 1985 29
- Ray, Niharranjan. "Medieval Bengali Culture" , Visva-Bharati Quarterly 11, no. 2 (AugustOctober 1945)
- Sarkar, Jagadish Narayan, Hindu-Muslim Relations in Bengal (Medieval Period). Delhi: Idarah-i Adabiyat-i Delli, 1985
- Datt, Kalikinkal, Studies in the History of the Bengal Subah, 1740–70. Vol. 1, Society and Economy. Calcutta: University of Calcutta, 1936
- Askari, S. H., "The Mughal-Magh Relations Down to the Time of Islam Khan Mashhadi", In Indian History Congress, Proceedings, 22d session (Gauhati, 1959), 201–13. Bombay: Indian History Congress, 1960.
- SuchetaMahajan & K.N. Panikkar Bipan Chandra, Mridula Mukherjee, Aditya Mukherjee, Independent India: Before and After, Penguin Books
- Bipan Chandra, Communalism in Modern India (11nd Edn.) (Delhi, Vikash, 1987)
- BandyopadhyaySekhar, From Plassey to Partition and After, Orient Longman, 2004.
- Brass Paul, The Politics of India since Independence, OUP, 1990
- Bipan Chandra, K. N. Panikkar, Mridula Mukherjee; SuchetaMahajan and Aditya Mukherjee, India's Struggle for Independence 1857 - 1947 (Delhi, Penguin, 1996)
- চাইল্ড গডসন, থহায়াট হযাতপনড ইন সহসি, পায়ন, কলকাতা। বান সাল থজ্. সড. ইসতহাতস সবজ্ঞান, অনুবা আশীষ লাসহটী, আনন্দ পাবসলশাস স, কলকাতা।
- মজুমুর সুতবাধকু মার, প্রত্নতাত্ত্বিক আসবন্ধাতরর কাসহনী, কলকাতা, ১৯৯৭।
- থিবরাজ্ চাননা, প্রাচীন ভারততরস প্রো, থক. সপবাগচী এন্ডতকাং, কলকাতা ১৯৯৫।
- সসনহা, থগাপালচন্দ্র, ভারতবতষ সর ইসতহাস (প্রাচীনগ) কযালকাটা প্রতেসসভ পাবসলশাস স, ১৯৯৭.
- থসন সুকু মার, প্রাচীন বাংলা ও বাঙাসল, কলকাতা সবশ্বসবিষালয় স্থন সবভাগ।
- বসু অপরাজিত, ভারততর ইততহাতস তবজ্ঞানও প্রযুক্তি, কতিকাতা: বঙ্গীয় তবজ্ঞান পতরষদ, ১৯৯৭।
- •পাহাড়ী থগাপালকৃষ্ণ, মধ্য কাসলন ভারত (৬৫০সি.-১৫৫৬সি.), কলকাতা শ্রীধর প্রকাশনী ২০০৫। মন্ডল অসসত কু মার, মাইসত প্রভাতাংশু, ভারত ইসতহাস পসরক্রমা, ৬৫০-১৫৫৬সিস্টাৰ্দ্, শ্রীধরপ্রকাশনী, ২০০৭।
- দেবরাজচাননা, প্রাচীনভারতেরদাসপ্রথা, কে. পিবাগচীএন্ডকোং, কলকাতা ১৯৯৫।
- সিনহা, গোপালচন্দ্র, ভারতবর্ষেরইতিহাস (প্রাচীনযুগ)

	ক্যালকাটা প্রেসিডেন্সি পাবলিশার্স, ১৯৯৭। • সেন সুকুমার, প্রাচীন বাংলা ও বাঙালি, কলকাতা বিশ্ববিদ্যালয় গ্রন্থন বিভাগ। • মুখোপাধ্যায় হীরেন্দ্রনাথ, ভারতবর্ষের ইতিহাস (প্রথম খণ্ড) প্রাচীন ও মধ্যযুগ, পশ্চিমবঙ্গ রাজ্য পুস্তকপরিষদ, নভেম্বর, ১৯৯৭। • শর্মারামশরণ, আদিমধ্যযুগের ভারতীয় সমাজ, সামন্ত-পত্রিকা বিষয়ে একটি সমীক্ষা, ওরিয়েন্টাল ম্যান, ২০০৩। • বসু অপরাজিত, ভারতের ইতিহাসে বিজ্ঞান ও প্রযুক্তি, কলিকাতা: বঙ্গীয় বিজ্ঞান পরিষদ, ১৯৯৭। • মুখোপাধ্যায় সুবোধ কুমার, আদিমধ্য ও মধ্যযুগে ভারত, মিত্রম, কলকাতা, ২০১০ • সান্যাল অবন্তী কুমার, বাংলার আদিমধ্য যুগ : ভাষা সাহিত্য, সমাজ ও সংস্কৃতি, কলকাতা ১৯৯৯। • শ্রীমণি সৌমিত্র, সুলতানী রাজত্ব কালে ভারত, কলকাতা, প্রেসিডেন্সি পাবলিশার্স ২০০৪। • রায় অনিরুদ্ধ, মধ্যযুগে ভারতের ইতিহাস, সুলতানী আমল, ওরিয়েন্টাল ম্যান, কলকাতা। • চৌধুরী তেসলিম, মধ্যযুগের ভারত : সুলতানী আমল, কলকাতা প্রেসিডেন্সি পাবলিশার্স, ১৯৯৬। • মুখোপাধ্যায় সুখময়, বাংলা ইতিহাসের দুশো বছর: স্বাধীন সুলতানদের আমল (১৩৩৮-১৫৩৮), কলকাতা ভারতী বুকস্টল ১৯৯৬। • রায় অনিরুদ্ধ, সুলতানী আমলের অর্থনৈতিক ইতিহাস, একটি সমীক্ষা, কলকাতা ফার্মাকে এল এম ১৯৯৭। • চৌধুরী, তেসলিম, আদিমধ্য ও মধ্যযুগে ভারতের ইতিহাস, ৬৫০-১৫৫৬ খ্রিস্টাব্দ, প্রেসিডেন্সি পাবলিশার্স, ২০০৬। • পাহাড়ী গোপালকৃষ্ণ, মধ্যকালীন ভারত (৬৫০ খ্রি.-১৫৫৬ খ্রি.), কলকাতা শ্রীধর প্রকাশনী ২০০৫। • মন্ডল অসিত কুমার, মাইতি প্রভাতাংশু, ভারত ইতিহাস পরিক্রমা, ৬৫০-১৫৫৬ খ্রিস্টাব্দ, শ্রীধর প্রকাশনী, ২০০৭। • মুখোপাধ্যায় সুবোধ কুমার, আদিমধ্য ও মধ্যযুগে ভারত, মিত্রম, কলকাতা, ২০১০ • সান্যাল অবন্তী কুমার, বাংলার আদিমধ্যযুগ : ভাষা সাহিত্য, সমাজ ও সংস্কৃতি, কলকাতা ১৯৯৯। • শ্রীমণি সৌমিত্র, সুলতানী রাজত্ব কালে ভারত, কলকাতা, প্রেসিডেন্সি পাবলিশার্স ২০০৪। • মুখোপাধ্যায় সুবোধ কুমার, আদিমধ্য ও মধ্যযুগে ভারত, মিত্রম, কলকাতা, ২০১০ • সান্যাল অবন্তী কুমার, বাংলার আদিমধ্যযুগ : ভাষা সাহিত্য, সমাজ ও সংস্কৃতি, কলকাতা ১৯৯৯। • শ্রীমণি সৌমিত্র, সুলতানী রাজত্ব কালে ভারত, কলকাতা, প্রেসিডেন্সি পাবলিশার্স ২০০৪।
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	markets.		
IV	Capital Market: Concept, Security market, Primary & Secondary markets-Functions & Role, Functionaries of stock exchanges-Brokers, Sub- Brokers, Jobbers, Consultants, Institutional Investors & NRIs.	8	12
V	Financial Regulation: Grievances concerning Stock Exchange dealings & their removal, Grievance Redressal Cell in Stock Exchanges, Company Law Board, Judiciary & Media Regulation of the Capital Market and Money Market, The Role of DFHI and the Securities exchange board of India (SEBI).	8	12
	Semester end exam	40	60
	Internal Assessment	10	
	Total Marks(Semester end exam + Internal)	50	

Suggested Readings:

- L M Bhole, and Jitendra Mahakud. Financial Institution and Markets, McGraw-Hill Education
- Khan, M.Y. Indian Financial System, McGraw-Hill Education.
- Dhaneekar. Pricing of Securities. New Delhi: Bharat Publishing House.
- Prasanna, Chandra. Financial Management: Theory and Practice. McGraw-Hill Education.
- Clifford Gomez, Financial Markets, Institutions and Financial Services, PHI Learning
- MY Khan and PK Jain. Financial Services. McGraw Hill Education.
- Singh, J.K. Venture Capital Financing in India. Dhanpat Rai and Company, New Delhi.
- Annual Reports of Major Financial Institutions in India.

[Note: Latest edition of textbooks should be used]

Investment Planning and Avenues

VAC – 3.1

Credit-2

Objective of the course: The course will prepare learners to create effective awareness about basic financial opportunities with the help of savings, investments, insurance and retirement schemes available in India.

Learning outcomes: After completion of the course, the learners will be able to acquire knowledge of

1. Interest and inflation rate
2. various savings and investment schemes offered by banks and post offices in India
3. Retirement plans
4. investment opportunities in mutual funds.

Exam Duration: 2 hrs.

Marks: 25

Lectures: 30

U	Contents of the Course	M	L
I	Introduction: Concept of Simple Interest, Compound Interest and Inflation, REPO and Reverse REPO rate; relationship between interest and inflation;	4	5
II	Bank & Post Office: Various savings schemes available in Banks and post offices in India and their features, eligibility criteria, tax implications, rate of interest, maturity period, premature closure, nomination facilities etc. [e.g.- Fixed deposit, Recurring deposits, Public Provident Fund (PPF), Sukanya Samriddhi Account (SSA), Senior Citizen Savings Scheme (SCSS), Kishan Vikas Patra (KVP), Monthly Income Scheme (MIS), National Savings Certificate (NSC) etc.]	6	7
III	Retirement Benefit Plan: Basic concept of retirement benefit plan, various Govt. sponsored retirement benefit plans available in India and their features, eligibility criteria, tax implications, rate of interest, maturity period, premature closure, nomination facilities etc. [e.g.- National Pension System (NPS), Atal Pension Scheme (APS), PM Vaya Vandhana Scheme (PM VVS) etc.]	5	5
IV	Mutual Fund: An overview of mutual fund (MF), history of MF, types of MF, features of MF, advantages and disadvantages of MF, income tax implication of MF, NAV, how to invest in MF etc. Basic concept of Equity Linked Savings Scheme (ELSS) and Systematic Investment Plan (SIP), their advantages and disadvantages, features etc.	6	8
V	Insurance: purpose of insurance schemes, types of insurance, various Govt. sponsored insurance schemes available in India and their features, eligibility	4	5

	criteria, tax implications, maturity period, premature closure, nomination facilities etc. [e.g.- Postal Life Insurance (PLI), PM Jeevan Jyoti Bima Scheme (PM JJBS), PM Suraksha Bima Scheme (PM SBS) etc.]		
	Semester end exam	25	30
	Internal Assessment	00	
	Total Marks(Semester end exam + Internal)	25	

Note: Any new savings/ investment/ Retirement/ insurance scheme launched by the Govt. of India may be incorporated in the syllabus after reviewing the same in the UG BoS.

Suggested Readings:

- Madhu Sinha, Financial Planning: A Ready Reckoner, McGraw Hill
- Dr Ajit S Thite, Dr Pradip Kumar Sinha, Personal Financial Planning, Nirali Prakashan
- Joydeep Sen, Financial Planning & Wealth Management: Concepts and Practice, Shroff Publisher
- IIBF's Introduction to Financial Planning, Indian Institute of Banking & Finance

VALUE ADDED COURSE-4.5 (VAC-4.5)

SEMESTER-IV

Title of the Course:	CLIMATE CHANGE: VULNERABILITY AND ADAPTATIONS
Value Added Course-4.5 Paper Code:	VAC-4.5
Semester = IV	
Credit = 2, Lecture-30 Hours, Marks-25, Question Pattern-MCQ	
Objectives of the Course:	i) To understand the fundamental concepts and science behind climate change ii) To analyze historical climate patterns and their significance in current climate change iii) To evaluate the environmental, social, and economic impacts of climate change iv) To develop understanding of adaptation and mitigation strategies v) To examine international and national policy frameworks addressing climate change
Learning Outcomes of the Course	Upon completion of this course, students will be able to: i) Explain the basic concepts and mechanisms of climate change ii) Analyze paleo climatic data and interpret major climatic events iii) Assess various impacts of climate change on environment, society, and economy iv) Design and evaluate climate change adaptation and mitigation strategies v) Critically examine climate policies and their implementation
<u>Course Content</u>	
Module: -1: Introduction to Climate Change	i) Definition, concept, scope and significance of climate change ii) Concept of paleoclimate; major climatic events during Pleistocene, Holocene and Anthropocene period iii) Causes and evidences of climate change
Module: -2: Impacts of Climate Change	i) Environmental impacts: global warming, water resource, coastal zones and marine ecosystems ii) Social impacts: human health, climate refugees and displacement iii) Economic impacts: agriculture, food security
Module: -3: Climate Change Adaptation and mitigation	i) Concept of climate adaptation ii) Concept of climate mitigation and iii) Climate change vulnerability assessment and adaptation strategies
Module: -4: National and international actions for climate change	i) Kyoto Protocol, Carbon trading, clean development mechanism (CDM), COP, Climate fund ii) 6th assessment reports- IPCC iii) National Action Plan (of India) on Climate Change

Suggestive Readings:	1. Archer, D. (2012). The climate crisis: An introductory guide to climate change. Cambridge University Press. 2. Dubash, N. K. (2021). Climate change policy in India: Institutions, issues and initiatives. Oxford University Press. 3. Farmer, G. T., & Cook, J. (2013). Climate change science: A modern synthesis. Springer. 4. Government of India. (2023). National action plan on climate change (NAPCC). Prime Minister's Council on Climate Change. 5. Intergovernmental Panel on Climate Change. (2022). Sixth assessment report: Climate change 2022. Cambridge University Press. 6. Jain, A. K. (2020). Climate change governance in India: Issues, institutions and initiatives. Sage Publications. 7. Ministry of Environment, Forest and Climate Change. (2021). India's third national communication to UNFCCC. Government of India. 8. Pelling, M. (2010). Adaptation to climate change: From resilience to transformation. Routledge. 9. Romm, J. (2018). Climate change: What everyone needs to know (2nd ed.). Oxford University Press. 10. Royal Society & U.S. National Academy of Sciences. (2020). Climate change: Evidence and causes. The Royal Society. 11. Sharma, V. K. (2017). Climate change: Impact on coastal habitation. CRC Press. 12. Shukla, P. R., Sharma, S. K., Ravindranath, N. H., Garg, A., & Bhattacharya, S. (Eds.). (2019). Climate change and India: Vulnerability assessment and adaptation. Universities Press. 13. Stern, N. (2015). The economics of climate change: The Stern review. Cambridge University Press. 14. United Nations Environment Programme. (2023). Adaptation gap report 2023. UNEP. 15. United Nations Framework Convention on Climate Change. (2023). National adaptation plans: Technical guidelines and approaches. UNFCCC.
Method of Assessment, Measurement, & Evaluation:	Total: 25 Marks Mode: Written Examination Exam Duration: 1 Hour Question Pattern: 25 MCQ questions carrying 01 mark