



Parvatibai Chowgule College of Arts and Science
(Autonomous)

Accredited by NAAC with Grade 'A+'
Best Affiliated College-Goa University Silver Jubilee Year Award

DEPARTMENT OF ECONOMICS

SYLLABUS

(Implemented from the Academic Year 2023-2024
onwards)

SEMESTER I

VALUE ADDED COURSES (VAC)

Course Title: Kautilya's Arthashastra

Course Code: UG-ECO-VAC1

Credits: 2

Marks: 50

Duration: 30 Hours

Prerequisite Courses: (Nil)

Course Objectives

The main objective of this course is to give ideas to students about the Political and economic ideas of Chanakya. Kautilya's Arthashastra provides a valuable basis for the economy. It contains useful insights into economics.

Course Learning Outcomes

Upon completion of this course students will be able to

CLO1: Get an exposure to the economic ideas of Chanakya and linkages of Arthashastra with modern day economics.

CLO2: Appreciate the relationship between politics and economics.

Course Content

Module I: Introduction to Kautilya's Arthashastra (15 Hours)

Introduction to Kautilya's Arthashastra; Economic ideas of Wealth, Views on Consumption and Production, Concept of 'Varta', Importance of Agriculture and Animal Husbandry, Value of Labour, Significance of Trade, Value, views on Population, Slavery; Relevance and application of Arthashastra to contemporary economics.

Module II: Economic policy, Public Finance and International Economics (15 Hours)

Concept of Welfare State, Views on Public Finance: taxation, revenue collection, public goods provision, Ideas about Town Planning and Social Security, right to Private Property, Justification of Interest; International trade and diplomacy with neighbouring countries.

List of books recommended for reference

Mandatory Reading

1. Singha Roy, S. (2018). Kautilya's' Arthashastra 'and Modern Economics, available at SSRN

2. Rangarajan, L. N. (Ed.). (1992). *The arthashastra*. Penguin Books India.

Supplementary Reading

1. Waldauer, C., Zahka, W. J., & Pal, S. (1996). Kautilya's Arthashastra: A neglected precursor to classical economics. *Indian Economic Review*, 101-108.
2. Chousalkar, A. S. (2004). Methodology of Kautilya's Arthashastra. *The Indian Journal of Political Science*, 55-76.
3. Sihag, B. S. (2005). Kautilya on ethics and economics. *Humanomics*, 21(3), 1-28.
4. Manrai, R., & Goel, U. (2017). Sustainable economic governance: learning from Kautilya's Arthashastra. *International Journal of Indian Culture and Business Management*, 15(2), 241-253.
5. Sihag, B. S. (2013). Kautilya's Arthashastra: The Origin of Statistical Economics during-4CE. *Journal of Rajasthan Statistical Association*, 2, 1-14.

Online Resources

1. Kautilya's Arthashastra
<https://libarch.nmu.org.ua/bitstream/handle/GenofondUA/19273/f2c8936431b9587a3448e1b3d8eff8e8.pdf?sequence=1>
2. The missing link: From Kautilya's The Arthashastra to modern economics
<https://www.cceol.com/search/article-detail?id=764196>
3. Kautilya's Arthashastra: A Recognizable Source of the Wealth of Nations
<https://www.scirp.org/journal/paperinformation.aspx?paperid=63343>
4. Kautilyan Economics: An Analysis and Interpretation
<https://journals.sagepub.com/doi/abs/10.1177/0019466220000408?journalCode=ieja>

Course Title: Financial Literacy

Course Code: UG-ECO-VAC2

Credits: 2

Marks: 50

Duration: 30 hours

Prerequisite Courses :(Nil)

Course Objectives

The objective of this course is to inculcate financial literacy concepts among college-going students through financial education to make it an important life skill. The course also aims to encourage active savings behaviour, encourage participation in financial markets to meet financial goals and objectives, develop credit discipline and encourage availing credit from formal financial institutions as per requirement.

Course Learning Outcome

Upon completion of this course students will be able to

CLO1: Recognize the need for Financial Literacy and planning

CLO2: Understand the role of financial education to achieve financial well being

Course Content

Module I: Financial Literacy and Planning (15 Hours)

Financial Literacy: Meaning, Need; Role of financial education in achieving financial well-being; Key concepts of Personal Finance: Savings, Investment, Borrowing, Income and Expenses, Surplus/Deficit, Assets and Liabilities, Inflation, Time Value of Money, Active and Passive Income, Instant and Delayed Gratification; Financial Planning: definition, process, Importance, Steps involved in Financial Planning Process, SMART financial goals, Three pillars of investments; Concepts of risk and return, Budgeting and its importance in financial planning.

Module II: Savings, Investment, and Insurance Planning (15 Hours)

Savings: Types of bank accounts; Various modes of transfer through banking channels: NEFT, RTGS, IMPS, UPI; Account opening process and importance of KYC norms; Precaution to be taken while using digital payments; Credit cards and Debit cards; Banking Ombudsman, Role of Reserve Bank of India.

Investment: Investment avenues offered by Securities Markets, Various risks involved in investing in securities markets, Mutual funds, and Benefits of investing through Mutual Funds.

Insurance- Types of insurance, role of Insurance as a risk management tool, various types of Insurance products and their key features.

*Practical component on financial literacy awareness campaign for community.

List of books recommended for reference

Mandatory Reading

1. Chandra. P. (2014), Investment Analysis and Portfolio Management, Tata McGraw-Hill, New Delhi
2. Khan M. Y. & Jain P. K. (2015), Financial Management, Tata McGraw-Hill Publishing, New Delhi

Supplementary Reading:

1. Francis J C & R.W Taylor (1992), Theory and Problems of Investments, McGraw Hill, Schaum's Outline Series, Singapore.
2. Bodie, Zvi Kane, Alex Marcus Alan (2012), Essentials of Investments, 9th Edition, McGraw Hill Higher Education.

Online Resources:

1. Financial Education <https://ncfe.org.in/program/fepa>
2. Investing <https://courses.varunmalhotra.co.in/learn/FLAP>
3. Financial Literacy <https://www.investopedia.com/guide-to-financial-literacy-4800530>



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DEPARTMENT OF ENGLISH

SYLLABUS

(Implemented from the Academic Year 2023-2024 onwards)

SEMESTER I

F.Y.B.A. SEMESTER I – VALUE ADDED COURSE

Course Title: ePortfolio

Course Code: UG-ENG-VAC1

Marks: 50

Credits: 2

1. Course Objectives:

1. To introduce students to an ePortfolio.
2. To demonstrate its benefits in academic identity building
3. To train students in effective communication in an ePortfolio.
4. To create various artifacts for an effective ePortfolio.

2. Course Outcomes:

Upon completion of the course the student should be able:

CO 1: To communicate effectively in an ePortfolio.

CO 2: To create digital artifacts that complement their academic identity.

3. Number of hours: 04 hours per week

4. Course Content:

Total Number of hours: 30

Unit I: Introduction to an ePortfolio

12 hours

- ePortfolio as an effective Communicative tool.
- What is an Eportfolio?
- Different types of ePortfolios.
- How do I create my academic brand Identity using an ePortfolio?
- Writing Effectively – Introduction, Content Creation and Resume Building.

Unit II : Building my ePortfolio

18 hours

- What are Artifacts?
- Using free site makers
- Creating, and Publishing my Home page
- Adding Pages
- Creating Digital Artifacts Using – Documents, Photos, Audio and Video

5. Reference Books :

Primary References:

1. Ali, Jafari (ed). *Handbook of Research on ePortfolios*.
2. Cambridge, Darren. *Eportfolios for Lifelong Learning and Assessment*. San Francisco, CA : Jossey-Bass. 2010.
3. Yancey, Blake (ed.). *ePortfolio as Curriculum. Models and Practices for Developing Students' ePortfolio Literacy*.

6. Web References:

1. [The What, Why, and How of ePortfolios | Clemson University, South Carolina](#)
2. [e-Portfolio | Center for Teaching & Learning \(berkeley.edu\)](#)
3. [University Writing \(auburn.edu\)](#)



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DEPARTMENT OF GEOGRAPHY

SYLLABUS

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SEMESTER I

VALUE ADDED COURSE (VAC)

Course Title: Exploring the Diversity of India (Theory)

Course Code: UG-GEG-VAC-101

Marks: 50

Credits: 2

Duration: 30 lectures of 1 hour each

Prerequisite Courses: Nil

Course Objectives:

1. To introduce the diversity in India.
2. To address the contemporary challenges confronting Indian society.
3. This will provide a perspective towards amalgamation of various cultural identities.

Course Outcomes: At the end of this course, students will be able to:

CLO1: Understand various cultures, religions and practices.

CLO2: Comprehend various facets of India's diversity.

CLO3: Evaluate and assess diversity of India.

Module	Topic	
I	1. Introduction of Diversity in India 2. Geopolitical factors: Strategic location, accessibility and resources. 3. Evolution of India as a Nation, Federal and Fiscal system. 4. Globalization and India- A new perspective.	(15 hours)
II	Forms of Diversity in India: a. Physical diversity: Deserts, forests, soils, rivers, mountains, coasts and plains. b. Climatic Integration: Monsoon c. Cultural diversity: Religious and Linguistic- Issues and Challenges.	(15 hours)

References:

Mandatory:

1. Gujjar Sulekha (2022) Moduley in Diversity, Notion Press Media Pvt Ltd No,50 ,Chettiyar Agaram Main Road , Vanagaram , Chennai – 600095.
2. Basumatary R. (2022) Multiculturalism in the 21st century with a special reference to India, Notion Press Media Pvt Ltd No,50 ,Chettiyar Agaram Main Road , Vanagaram, Chennai – 600095.
3. David H. & Jarman F. (2017) India Diversity, Om Publications Pvt. Ltd.
4. Gore M.S. (2015) Moduley in Diversity: The Indian Experience in Nation-Building, Rawat Publications Pvt. Ltd.
5. Matane P. (2007) Cultural Diversity of India, CBS Publishers & Distributors Pvt. Ltd.
6. Matane P. & Ahuja M.L. (2004) India: A Splendour in Cultural Diversity, Anmol Publications Pvt. Ltd.

Supplementary:

1. Sharma S., Kanaujia S.S., Awasthi S., Vishwakarma S. and Chand M. (2022) Institutions Information Processes & Policies Multiculturalism and Diversity in India and Europe, Bio Green Pvt. Ltd.
2. Jodhka Surinder S. (2012) Village Society, Orient Blackswan Pvt. Ltd. Himayatnagar, Hyderabad, 500 029 Telangana.

Web-based:

1. <https://ncert.nic.in/textbook/pdf/fess301.pdf>
2. <https://www.greaterpacificcapital.com/thought-leadership/indias-diversity-is-a-strategic-asset>
3. <https://egyankosh.ac.in/bitstream/123456789/18835/1/Module-1.pdf>
4. <https://k12database.unc.edu/wp-content/uploads/sites/31/2017/11/IndiasCultureDiversity.pdf>
5. <https://legalstudymaterial.com/Moduley-in-diversity-in-india/>
6. <https://blog.ipleaders.in/overview-Moduley-diversity-india/>
7. https://www.bhattadevuniversity.ac.in/docs/studyMaterial/Dr.BharatiGogoi_Geography/P_G_2ndSem_India_as_Moduley_in_diversity_by_Dr._Bharati_Gogoi.pdf
8. https://dsel.education.gov.in/sites/default/files/book_Moduley_in_diversity.pdf
9. <https://elearning.raghunathpurcollege.ac.in/files/C596639B15858837070.pdf>
10. <https://ims-cal.org/wp-content/uploads/2021/10/VOICES-OCT-2021.pdf>

Department of HINDI, Parvatibai Chowgule College of Arts and Science (Autonomous), Goa



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DEPARTMENT OF HINDI

SYLLABUS

(Implemented from the Academic Year 2023-2024
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SEMESTER I

VALUE ADDED COURSES (VAC)

F.Y.B.A/B.Sc. (Semester – I)

VAC (Value Added Course)

Course Title: योग शिक्षण

Course Code: UG-HIN-VAC1

Credits: 02

Marks: 50

Duration: 30 Hours

Course Objective:

- 1) योग की अवधारणा, स्वरूप, महत्त्व, उद्देश्य एवं प्रकार को समझाना।
- 2) सामाजिक स्वास्थ्य हेतु योग की आवश्यकता को समझाना।
- 3) योग प्रशिक्षण हेतु तैयार करना।
- 4) योग के माध्यम से एक सकारात्मक जीवन शैली अपनाने हेतु प्रेरित करना।

Course Outcome:

- 1) योग की अवधारणा, स्वरूप, महत्त्व, उद्देश्य एवं प्रकार को समझेंगे।
- 2) सामाजिक स्वास्थ्य हेतु योग की आवश्यकता को समझेंगे।
- 3) योग प्रशिक्षण हेतु तैयार होंगे।
- 4) योग के माध्यम से एक सकारात्मक जीवन शैली अपनाने हेतु प्रेरित होंगे।

Syllabus:

इकाई एक - योग का सामान्य परिचय (15 Credits)

योग का अर्थ, परिभाषा एवं स्वरूप।
महत्त्व एवं उद्देश्य
योग के प्रकार (सामान्य परिचय)
(अष्टांग योग, हठयोग, कर्मयोग, भक्तियोग, ज्ञान योग)

इकाई दो - स्वास्थ्य एवं योग (15 Credits)

स्वास्थ्य हेतु योग की आवश्यकता।
रचनात्मक स्वास्थ्य हेतु मन की भूमिका।
स्वस्थ रहने के यौगिक सिद्धांत - आहार, विहार, आचार, विचार
ध्यान के आसन (प्रायोगिक)

Department of HINDI, Parvatibai Chowgule College of Arts and Science (Autonomous), Goa
योग के आसन (प्रायोगिक)

आसन - ताडासन, धनुरासन, भुजंगासन, पद्मासन, वज्रासन, शवासन,
त्रिकोनासना, सर्वांगासन मकरासन, हलासन।

प्राणायाम - अनुलोम विलोम, भ्रामरी, कपालभाती, भस्त्रिका

संदर्भ ग्रंथ -

- 1) डॉ. विनोद प्रसाद नौटियाल, 'योग और स्वास्थ्य', किताब महल, 2015
- 2) डॉ. उदय चौहान, 'योग शिक्षा', खेल शिक्षा केंद्र, प्रथम संस्करण 2018
- 3) मनोज आगरा, 'योगासन एवं प्राणायाम', मनोज प्रकाशन, 2020
- 4) डॉ. साधना दौनेरिया, 'उच्च शिक्षा के क्षेत्र में योग एवं मूल्यपरक शिक्षा', चौखम्बा
सुरभारती प्रकाशन, वाराणसी 2021
- 5) डॉ. नवीन चंद्र भट्ट, 'योग और स्वास्थ्य', किताब महल, 2022
- 6) स्वामी विवेकानंद, 'योगाभ्यास और चिंतन', प्रभात पब्लिकेशन, दिल्ली, 2023

VALUE ADDED COURSES (VAC)

F.Y.B.A/B.Sc. (Semester – I)

VAC (Value Added Course)

Course Title: भारतीय संविधान: एक परिचय

Course Code: UG-HIN-VAC2

Credits : 02

Marks : 50

Duration : 30 Hours

Course Objective:

- 1) भारतीय संविधान का परिचय कराना।
- 2) भारतीय संविधान की प्रस्तावना से अवगत कराना।
- 3) भारतीय संविधान में निहित संवैधानिक मूल्यों से अवगत कराना।
- 4) संवैधानिक अधिकार एवं मानवी कर्तव्यों से परिचित कराना।

Course Outcome:

- 1) भारतीय संविधान का परिचय प्राप्त होगा।
- 2) भारतीय संविधान की प्रस्तावना से अवगत होंगे।
- 3) भारतीय संविधान में निहित संवैधानिक मूल्यों से अवगत होंगे।
- 4) संवैधानिक अधिकार एवं मानवी कर्तव्यों से परिचित होंगे।

Syllabus:

इकाई एक - भारतीय संविधान: परिचय एवं विशेषताएँ (15 Credits)

भारतीय संविधान का परिचय
भारतीय संविधान की प्रस्तावना
भारतीय संविधान की विशेषताएँ

इकाई दो - भारतीय संविधान : मूल्य, कर्तव्य एवं अधिकार (15 Credits)

संवैधानिक मूल्य
संवैधानिक अधिकार
संवैधानिक कर्तव्य

संदर्भ ग्रंथ -

- 1) डॉ. बी आर अंबेडकर, 'भारत का संविधान', सुधीर प्रकाशन, जनवरी 2022
- 2) डॉ. दुर्गा दास बसु, 'भारत का संविधान', कैलाश प्रकाशन, नई दिल्ली 2020
- 3) (भारतीय संविधान एवं संवैधानिक विधि का सरल प्रारूप सभी संशोधन के साथ) 'भारत का संविधान', मनोज प्रकाशन, 2010
- 4) डॉ. प्रमोद कुमार अग्रवाल, 'भारत का संविधान', प्रभात प्रकाशन



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DEPARTMENT OF HISTORY

SYLLABUS

(Implemented from the Academic Year 2023-2024 onwards)

SEMESTER I

VALUE ADDED COURSES (VAC)

Course Title : Understanding Goa: Liberation and Challenges
Course Code : UG-HIS-VAC1
Credits : 02
Marks : 50
Duration : 30

Prerequisite Courses: None

Course Objectives

- 1 Appreciate the role played by the leadership in laying the foundations of contemporary Goa
- 2 Examine the challenges and struggle to safeguard Goa's environment and identity.

Course Learning Outcomes

Upon completion of the course, the student will be able to:

CLO1 Examine the events which led to liberation of Goa, transition to Democracy and challenges to Goan identity.

CLO2 Analyse the issues and movements in Goa after liberation.

Course Content

Module I

(15 hours)

- 1.1 Goa's Freedom Struggle
- 1.2 Operation Vijay 1961
- 1.3 Transition to Democracy
- 1.4 Opinion Poll

Module II

(15 hours)

- 2.1 Language Movement
- 2.2 Struggle for Goa's Statehood
- 2.3 SEZs and Regional Plans
- 2.4 Environmental Concerns and Issues- Goa Bachao Abhiyan and Mhadei Issue

List of books recommended for reference

Mandatory Reading

- Almeida, José Conceição. *Goa: Administration and Economy before and after 1962*. Panjim: Broadway Publishing House, 2013.
- Fernandes, Aureliano. *Cabinet Government in Goa, 1961-1993*. Panjim: Maureen & Camvet Publishers, 1997.
- Malekandathil, Pius, and Remy Dias, eds., *Goa in the 20th Century: History and Culture*. Panaji: Institute Menezes Braganza, 2008.
- Narayan, Rajan. and Sharon D'Cruz. *Triumph of Secularism: Battle of the Opinion Poll in Goa*. Vasco da Gama: Goa Publications, 2011.

Supplementary Reading

- Abreu, Savio, and Rudolf C. Heredia eds., *Goa 2011: Reviewing and Recovering Fifty Years*. New Delhi: Concept Publishing Company, 2014.
- Alvares, Claude, ed. *Fish, Curry and Rice: A Citizen's Report on the Goan Environment*. Mapusa: The Other India Book Press, 2001.

VALUE ADDED COURSES (VAC)

Course Title : India from 1947 to 1964
Course Code : UG-HIS-VAC2
Credits : 02
Marks : 50
Duration : 30

Prerequisite Courses: None

Course Objectives

- 1 Assess the precarious conditions during the birth of Indian nation
- 2 Appreciate the role played by the leadership in laying the strong foundations of Indian nation.

Course Learning Outcomes

Upon completion of the course, the student will be able to:

CLO1 Examine the events and processes of national integration.

CLO2 Examine the processes which led to the foundation of democracy in India

Course Content

Module I (15 hours)

- 1.1 Freedom and Partition
- 1.2 Integration of Princely States
- 1.3 Liberation of French and Portuguese India
- 1.4 Indo-Pak War of 1947 and Indo-China War of 1962

Module II (15 hours)

- 2.1 Making of the Indian Constitution and Salient features
- 2.2 First General Elections
- 2.3 Linguistic Reorganisations of Indian States
- 2.4 Economic Planning: Five Years Plan

List of books recommended for reference

Mandatory Reading

- Ananth, V. Krishna. *India Since Independence: Making Sense of Indian Politics*. Noida: Pearson, 2010.
- Bandyopadhyay, Sekhar. *From Plassey to Partition and After: A History of Modern India*. 2nd. ed. Hyderabad: Orient BlackSwan, 2015.
- Chandra, Bipan, Mridula Mukherjee and Aditya Mukherjee. *India Since Independence*. Gurgaon: Penguin Books, 2008.
- Guha, Ramachandra. *India After Gandhi: The History of the World's Largest Democracy*. New Delhi: Picador India, 2008.

Supplementary Reading

- Basu, D. D. *An Introduction to the Constitution of India*. 25th ed. New Delhi: LexisNexis, 2021.
- Bose, Sumantra. *Transforming India: Challenges to the World's Largest Democracy*. New Delhi: Picador India, 2013.
- Brass, Paul R. *The Politics of India Since Independence*. 2nd ed. New Delhi: Cambridge University Press, 1994.
- Desai, Meghnad. *The Rediscovery of India*. Gurgaon: Penguin Books, 2011.
- Jafferlot, Christophe, ed. *India Since 1950: Society, Politics, Economy and Culture*. New Delhi: Yatra Books, 2012.
- Rothermund, Dietmar. *Contemporary India: Political, Economic and Social Developments Since 1947*. Noida: Pearson, 2013.



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DEPARTMENT OF PHILOSOPHY

SYLLABUS

(Implemented from the Academic Year 2023-2024
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SEMESTER I

VALUE ADDED COURSES (VAC)

Course Title : Value Education

Course Code : UG-PHI-VAC 1

Credits : 02

Marks : 50

Duration : 30 hours

Course Objective: The course is designed with following objectives–

- 1) To inculcate education of morals and values as fundamentally important aims at making a life meaningful in all its dimensions.
- 2) To understand values that are related to the norms of a culture hence values tend to influence attitudes and behavior and help to solve common human problems.
- 3) To enable the learners to select within the contexts of debate and struggle, those values that support the Good Society and its citizens
- 4) To persuade others that on ground level values such as peace, love, respect and justice can be understood theoretically.

Course Learning Outcome: At the end of the course the students should be able to–

- CLO 1:** Enumerate various processes of value formation and understand their impact on individual values and social phenomena.
- CLO 2:** Integrate Psychological, Ethical and Aesthetic Values for ethics of sustainability.
- CLO 3:** Interpret Individual-Group Behavior: conformity and nonconformity to values in various relationships.
- CLO 4:** Appraise various traditional value systems with minimal personal bias, and their practical applicability in the modern scenario.

COURSE CONTENT

Module I Introduction & Different Values

(15 hours)

- 1.1 Value education- its purpose and significance
- 1.2 Value enculturation: Family, School, Society
- 1.3 Role of Culture and Civilization.
- 1.4 Psychological, Ethical and Aesthetic Values (Maturity, Identity, Creativity & Imagination)

Module II Personality Development & Sustainability

(15 hours)

1. Leadership & Communication
2. Attitude, Aptitude & Self-esteem
3. Social Equality and Peace (Gender Equality)
4. Conservation and Development (Environmental Awareness)

References

Mandatory Reading:

1. Chakravarthy, S.K. (1999). *Values And Ethics For Organizations: Theory and Practice*. New Delhi: Oxford University Press.
2. Chitakra, M.G. (2003). *Education and Human Values*, New Delhi: A.P.H. Publishing Corporation.
3. Das, M.S. & Gupta, V. K. (1995). *Social Value Among Young adults: A changing Scenario*. New Delhi: M.D. Publications.

Supplementary Reading:

1. Gardner, R., Cairns, J. and Lawton, D. (2003). *Education for values: morals, ethics and citizenship in contemporary teaching*, UK: Rutledge.
2. Halstead, J.M. and Pike, M.A. (2006). *Citizenship and moral education: values in action*, UK: Rutledge.
3. Meyer John, Brian Burnham, John Cholvat (Eds). (1975). *Values Education: Theory, Practice, Problems, Prospects*. Canada: Wilfrid Laurier Univ. Press.
4. Newman, Julie. (2011). *Green Ethics and Philosophy: An A-to-Z Guide*. California: Sage Publications Inc.
5. Satchidananda, M.K. (1991). *Ethics, Education, Indian Unity and Culture*. Delhi: Ajantha Publications.
6. Wringe, C. (2006). *Moral education: beyond the teaching of right and wrong*. UK: Springer.

Online Resources:

1. **Value Education in the Social Studies** Jack R. Fraenkel *The Phi Delta Kappan*, Vol. 50, No. 8 (Apr., 1969), pp. 457-461 <https://www.jstor.org/stable/20372415>
2. Sustainability (pp. 91-132) From: *Environment, Economy, and Christian Ethics: Alternative Views on Christians and Markets* Alistair Young Augsburg Fortress, Publishers (2015) <https://www.jstor.org/stable/j.ctt9m0tgc>
3. Shiva, Vandana. (1988). *Staying Alive – Women, Ecology and Survival in India*. KALI FOR WOMEN. New Delhi 110 017. https://archive.org/stream/StayingAlive-English-VandanaShiva/Vandana-shiva-stayingAlive_djvu.txt

Course Title : Professional Ethics

Course code : UG-PHI-VAC 2

Credits : 02

Marks : 50

Duration : 30 hours

Course Objective: The course is designed with the following objectives–

- 1) To expose students to multiple view points on ethical situations in professional settings.
- 2) To give guidance in analysing the conflicting ethical positions.
- 3) To develop ethical decision-making skill among the students.

Course Learning Outcome: At the end of the course the students should be able to–

- CLO 1:** Enumerate and elaborate various ethical situations in professional settings through which one can have a stronger moral code – as an individual and as a member of society.
- CLO 2:** Interpret different ethical situations in the professional context to understand the uniqueness of the ethical context.
- CLO 3:** Apply the concepts of logical thinking in professional situations when faced with ethical dilemmas.
- CLO 4:** Critically analyse and assess unethical situations and challenge their validity in professional settings in the context of today’s world.

COURSE CONTENT

Module I: Medical Ethics and Legal Ethics

(15 hours)

1.1. Medical Ethics

1.1.1. The Nature and Importance of Medical Ethics

1.1.2. Medical Professionals, Medical System, and Patients – Relationship and Responsibility

1.1.3. Golden Principles of Medical Ethics – Autonomy, Non-Maleficence, Beneficence, Justice

1.2. Legal Ethics

1.2.1. The Nature and Importance of Legal Ethics

1.2.2. Legal Professionals, Legal System, and Clients – Relationship and Responsibility

1.2.3. Golden Principles of Legal Ethics – Independence, Honesty, Integrity

Module II: Media Ethics and Business Ethics

(15 hours)

2.1. Media Ethics

- 2.1.1. The Nature and Importance of Media Ethics
- 2.1.2. Media Professionals, Media (Print and Visual), and Public – Relationship and Responsibility
- 2.1.3. Golden Principles of Media Ethics – Independence, Transparency, Commitment, Accountability

2.2. Business Ethics

- 2.2.1. The Nature and Importance of Business Ethics
- 2.2.2. Business Professionals, Business World, and Clients – Relationship and Responsibility
- 2.2.3. Golden Principles of Business Ethics – Honesty, Fairness, Integrity, Law Abiding, Transparency

References

Mandatory Reading:

1. LaFollette, Hugh. (1997). *Ethics in Practice – An Anthology*. U.K: Blackwell Publishers.
2. Singer, Peter. (1995). *Practical Ethics*. New York: Cambridge University Press
3. Day, Louis Alvin. (2003). *Ethics in Media Communication-Cases and Controversies*. U.S.: Wadsworth / Thomas Course.
4. Des Jardins, Joseph. (2011). *An introduction to Business Ethics*. New Delhi: Tata Mc Grow Hill Education Pvt. Ltd.
5. BMA Medical Ethics Department - *Everyday Medical Ethics and Law* – BMJ Books (2013)
6. Anne T. Lawrence_ (Business ethics professor) James Weber – *Business and society – Stakeholders, Ethics, Public Policy* (2020)

Supplementary Readings:

1. Subramanian, R., Professional Ethics: Need for the 21st Century (OUP, 2017)
2. Naagarazan, R.S., A Textbook On Professional Ethics And Human Values (New Age International Private Limited, 2020)
3. Senthilkumar, V. S., Professional Ethics and Human Values (PHI Learning, 2015)
4. Alavudeen, A., Jayakumaran, M., & Rahman, R. Kalil, Professional Ethics and Human Values (Laxmi Publications, 2015)
5. Raghavan, B. S., Human Values and Professional Ethics (S Chand, 2003)

Online Resources:

1. Dr. Manoj Kumar, Importance of ethics in Professions, <http://data.conferenceworld.in/25FebEMSSH/21.pdf>



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DEPARTMENT OF MARATHI

SYLLABUS

(Implemented from the Academic Year 2023-2024
onwards)

Value Added Courses (VAC)

FYBA/B.Sc. – (Semester-I)

Course Title: लैंगिक समानता

Course Code: UG- MAR -VAC1

Marks: 50

Credits: 02

Hours: 30

Course Objective:

1. समाजाच्या विकासाचा मूलभूत पाया म्हणून लैंगिक समानता या विषयाकडे पाहण्याची दृष्टी विकसित करणे.
2. तरूण विद्यार्थ्यांना लिंगभाव ही संकल्पना समजावून सांगणे.
3. लैंगिक समानता व सामाजिक दृष्टीकोन या विषयावरती लक्ष केंद्रित करून लैंगिक समानतेची आवश्यकता पटवून देणे.
4. लैंगिक समानता साध्य करण्याकरिताचे विविध मार्ग सुचविणे.

Course Outcome:

1. लिंगभाव या संकल्पनेचा परिचय होईल.
2. देशाच्या विकासासाठी लैंगिक समानतेची आवश्यकता लक्षात येईल.
3. लैंगिक समानतेविषयक विविध सामाजिक दृष्टीकोन समजून येतील.
4. लैंगिक समानता निर्माण करण्याकरिता विविध मार्ग समजतील.

Syllabus:

1. लिंगभाव – संज्ञा व संकल्पना **(15 Hours)**
(लिंग - संकल्पना, लिंग वर्गीकरण, लिंग- वैशिष्ट्ये)
2. लैंगिक समानता – आवश्यकता व महत्व **(15 Hours)**
(समानता व विकास परस्परसंबंध, सामाजिक दृष्टिकोन आणि समस्या, विविध कायदे, लैंगिक समानता - निर्मिती)

संदर्भ ग्रंथ

1. तांबे, श्रुती, लिंगभाव समजून घेताना, (भाषां), लेकवाङ्मय गृह, मुंबई, २०१०
2. मारजे, डॉ. वी. पी., पाटील, डॉ. युवराज, लिंगभाव, शाळा आणि समाज, 2016
3. विद्वांस, अड. शुभदा, तो आणि ती (अनु.), मेहता पब्लिशिंग हाऊस, पुणे
4. पुरी प्रतिक, तो आणि ती, वुमनविश्व प्रकाशन, २०१७
5. गोखले करुणा (अनु.), द सेकंड सेक्स, पद्मगंधा प्रकाशन, पुणे, २०१८



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DEPARTMENT OF SOCIOLOGY

SYLLABUS

(Implemented from the Academic Year 2023-2024 onwards)

SEMESTER I

Value Added Course (2 Credit Course)

Course Title: Substance Abuse and AIDS Awareness

Course Code: UG-SOC-VAC1

Marks: 50

Credits: 2

Hours: 30

Course Objectives:

1. To make students understand the meaning and nature of Drugs, abuse and AIDS.
2. To sensitize students the problems faced by people in contemporary India.

Course Learning Outcomes:

CLO 1: Explain the concept of a Drug and AIDS and its varied characteristics

CLO 2: Analyze the varied problems in the context of Drugs and AIDS in contemporary India

CLO 3: Evaluate the effectiveness of various programmes towards the alleviation of the given social problem by the Government and NGO's

CLO 4: Present the role of various agencies in the alleviation of a given social problem

CLO 5: Design Programme for the welfare people.

Course Content

UNIT I: Substance abuse

20hours

1.1 Alcoholism: Concept, Characteristics, Causes and Extent in the Globe and India

1.2 Alcoholism in Goa

1.3 Drug Abuse: Concept, Characteristics, Causes and Extent

1.4 Drug Abuse in Goa

1.5 Role of varied stake holders in dealing with substance abuse

UNIT II: Problem of AIDS

10hours

2.1 AIDS: Concept, Characteristics, Causes and Extent in the Globe and India

2.2 AIDS in Goa

2.3 Role of varied stake holders in dealing with AIDS

References

Mandatory Readings:

1. Ahuja, Ram.(2016). Social problems in India. Jaipur:Rawat.
2. Thomas, G.(1994) AIDS in India: Myth and reality. Jaipur: Rawat.
3. Mamoria, C.B.(1999). Social problems and Social Disorganization. New Delhi:Kitab Mahal.
4. Falleiro, Savio.(2020). Economic Impact of HIV/AIDS on Households. New Delhi: Sage

Web Based:

1. https://ddceutkal.ac.in/Syllabus/MSW/Paper_07.pdf
2. <https://ccsuniversity.ac.in/bridge-library/pdf/Social%20Problems%20Ram%20Ahuja.pdf>
3. [https://www.drishtias.com/pdf/1649674551_PT%20Sprint%202022%20\(Social%20Issues\).pdf](https://www.drishtias.com/pdf/1649674551_PT%20Sprint%202022%20(Social%20Issues).pdf)



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DEPARTMENT OF ZOOLOGY

SYLLABUS

(To be implemented from the Academic Year 2023-2024 onwards)

SEMESTER I

VALUE ADDED COURSE (VAC)

COURSE TITLE: **ENVIRONMENT PROTECTION PRACTICES**

COURSE CODE: UG-ZOO-VAC 1

MARKS: 50 [50 –Theory]

CREDITS: 02 [02 –Theory]

CONTACT HOURS: THEORY : 30 HOURS (02 LEC/WEEK)

COURSE OBJECTIVES: This course aims at familiarizing the students with the duties and responsibilities of an individual in adopting certain good practices for protection of environment.

COURSE OUTCOME: Upon successful completion of the course, students will be able to:
CO1: Understand the basic rules and regulations governing environment conservation and protection.
CO2: Adopt practices for energy, water and wildlife conservation.
CO3: Identify means of reducing waste production.
CO4: Demonstrate Recycle, Reduce, Reuse. in the daily activities

CONTENT

Module I:	UNIT 1: Introduction to environmental Pollution UNIT 2: Environment protection laws and laws governing individual/societal responsibilities towards environment UNIT 3: Individual efforts : <ul style="list-style-type: none">- Waste disposal at homes- Going organic- Upcycling	15 hours
Module II:	UNIT 4: Individual efforts towards: <ul style="list-style-type: none">- Water conservation,- Energy conservation,- Preventing Air, water & land pollution. Methods of evaluation of air, land and water pollution, Preventing pollution. UNIT 5: Individual efforts towards: <ul style="list-style-type: none">- Reducing Carbon footprint- Practicing Recycle, Reduce, Reuse.- Wildlife conservation/protection efforts including forest fires UNIT 6: Activities related to 3Rs/ case studies on pollution/Environment Impact Assessment.	15 hours

REFERENCE BOOKS:

1. Chandrappa R and Das DB(2012).Solid Waste Management: Principles and Practice.Springer publishers.
2. TERI(2014).Waste to resources – a waste Management Handbook. TERI Press, New delhi.
3. Goodal J(2022).Local Voices, Local Choices: The Tacare Approach to Community-Led Conservation
4. Hendon J(2019).Environmental Conservation and Management. Syrawood Publishing House

ANNEXURE C



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DEPARTMENT OF PSYCHOLOGY

SYLLABUS

(Implemented from the Academic Year 2023-2024
onwards)

VALUE ADDED COURSES (VAC)

Course Title: Environmental Psychology

Course Code:UG-PSY-VAC1

Credits: 02

Marks: 50

Duration: 30 hours

Prerequisite Courses: Nil

Course Objectives

1. To acquaint students with the basic concepts of Environmental Psychology
2. To help students understand human environment relation
3. To encourage pro-environmental behaviour

Course Learning Outcomes: Upon completion of the course, the student will be able to:

CLO1: Describe the human - environmental relationship

CLO2: Defend the role of an environmental psychologist in bringing about a positive change in the environment

CLO3: Propose pro-environmental behaviours in the Indian setting.

Course Content

Module I. An Introduction to Environmental Psychology (15Hours)

- A. Environmental psychology
 - a. Introduction to Environmental Psychology
 - i. History
 - ii. Definitions
- B. Orientation
- C. Concepts
- D. Classification of Environment: Natural, Built and Types of Built Environment
- E. Human Environment Relationship
- F. Application and Future

ModuleII. Encouraging Pro-Environmental Behaviour (15Hours)

- A. Environment Psychology and Saving the Environment
- B. Environment and Health Behaviours
- C. Informational strategies to promote pro-environmental behaviour
- D. Persuasive technology to promote pro-environmental behaviour
- E. Processes of change

Books for Mandatory reading

1. Tewari, R. & Mathur, A. (2014). *Environmental Psychology*. India Pointer Publishers,
2. Steg, L., Berg, A. & Groot, A. (2012). *Environmental Psychology: An Introduction*. Blackwell, The British Psychological Society.

Course Title: Psychology of Health Behaviours

Course Code: UG-PSY-VAC2

Credits: 02

Marks: 50

Duration: 30 hours

Prerequisite Courses: nil

Course Objectives

1. To understand the relation of our habits and behaviours with our health.
2. To study how certain behaviours compromise our health while some others can promote our health.

Course Learning Outcomes

Upon completion of the course, the student will be able to:

CLO1 Describe the influence of behaviours and habits on our health

CLO2 Suggest ways to change health compromising behaviours

CLO3 Strategize plans to encourage health promoting behaviours.

Course Content

Module I: Health Behaviours

(10Hours)

- A. An introduction to Health Behaviours
- B. Health promotion
- C. Changing health habits
- D. Cognitive-behavioural approaches to health behaviour change
- E. The transtheoretical Model of behaviour change
- F. Changing health behaviours through social engineering
- G. Venues for health habit modification

Module II Health Compromising and Health Promoting Behaviours(20Hours)

- A. Obesity
 - a. Obesity and dieting as risk factors for obesity
 - b. Stress and eating
 - c. Intervention
 - d. Cognitive Behavioural Therapy
 - e. Evaluation of Cognitive Behavioural weight loss techniques
 - f. Taking a public health approach
- B. Alcoholism
 - a. Alcoholism and Problem Drinking
 - b. Treatment of alcohol abuse
 - c. Evaluation of alcohol treatment programs
 - d. Preventive approaches to alcohol abuse
 - e. Drinking and driving
- C. Smoking
 - a. Why do people smoke?

- b. Nicotine addiction and smoking
- c. Interventions to reduce smoking
- d. Smoking prevention programs
- D. Health promoting behaviours
 - a. Exercise
 - b. Accident prevention
 - c. Vaccination and screening
 - d. Developing a healthy diet
 - e. Sleep

List of books recommended for reference

Mandatory Reading

Taylor, S. E. (2018). *Health Psychology* (10th ed). McGraw Hill Education.

Supplementary Reading

Sarafino, E. P. (2008) *Health Psychology Biopsychosocial Interactions* (6th ed). John Wiley & Sons, Inc.



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DEPARTMENT OF COMPUTER SCIENCE

SYLLABUS

(Implemented from the Academic Year 2023-2024 onwards)

VALUE ADDED COURSES (VAC)

Course Title: Cyber Security

Course Code : UG-COM-VAC1

Marks: 50

Credits : 2

Duration : 30 Hrs

Course Objectives:

- Learn the foundations of Cyber security
- Equip students with the technical knowledge and skills needed to protect and defend against cyber threats.
- Develop skills in students that can help them to ensure the protection of information technology assets.
- Expose students to responsible use of online social media networks.

Course Learning Outcomes:

Upon completion of the course students will be able to:

CLO1: Understand the cyber security threat landscape.

CLO2: Understand cyber laws

CLO3 : Develop a deeper understanding and familiarity with various types of cyber attacks cyber crimes, vulnerabilities and remedies thereto

CLO4 : Analyse and evaluate the digital payment system security and remedial measures against digital payment frauds.

SYLLABUS

UNIT I

[15 HRS]

Introduction to Cyber Security :Defining Cyberspace and Overview of Computer and Web-technology, Architecture of cyberspace, Communication and web technology, Internet, World wide web, Advent of internet, Internet infrastructure for data transfer and governance, Internet society, Regulation of cyberspace, Concept of cyber security, Issues and challenges of cyber security.

Cyber Crime and Cyber Law : Classification of cyber crimes, Common cyber crimes- cyber crime targeting computers and mobiles, cyber crime against women and children, financial frauds, social engineering attacks, malware and ransomware attacks, zero day and zero click attacks, Cyber criminals modus-operandi , Reporting of cyber crimes, Remedial and mitigation measures,

Legal perspective of cyber crime, IT Act 2000 and its amendments, Cyber crime and offenses, Organizations dealing with Cyber crime and Cyber security in India, Case studies, Cyber Forensics.

Unit II :

[15 Hrs]

Social Media Overview and Security

Introduction to Social networks. Types of Social media, Social media platforms, Social media monitoring, Hashtag, Viral content, Social media marketing, Social media privacy, Challenges, opportunities and pitfalls in online social network, Security issues related to social media, Flagging and reporting of inappropriate content, Best practices for the use of Social media, Case Studies.

E - C o m m e r c e and Digital Payments

Definition of E- Commerce, Main components of E-Commerce, Elements of E-Commerce security, E-Commerce threats, E-Commerce security best practices, Introduction to digital payments, Components of digital payment and stake holders, Modes of digital payments- Banking Cards, Unified Payment Interface (UPI), e-Wallets, Unstructured Supplementary Service Data (USSD), Aadhar enabled payments, Digital payments related common frauds and preventive measures. RBI guidelines on digital payments and customer protection in unauthorized banking transactions. Relevant provisions of Payment Settlement Act,2007.

Digital Devices Security , Tools and Technologies for Cyber Security :

End Point device and Mobile phone security, Password policy, Security patch management, Data backup, Downloading and management of third party software, Device security policy, Cyber Security best practices, Significance of host firewall and Ant-virus, Management of host firewall and Anti-virus, Configuration of basic security policy and permissions.

Suggested activities :

1. Setting, configuring and managing three password policy in the computer (BIOS, Administrator and Standard User).
2. Setting and configuring two factor authentication in the Mobile phone.
3. Security patch management and updates in Computer and Mobiles.
4. Managing Application permissions in Mobile phone.
5. Installation and configuration of computer Anti-virus.
6. Installation and configuration of Computer Host Firewall

REFERENCES:

MANDATORY:

1. Cyber Crime Impact in the New Millennium, by R. C Mishra , Auther Press. Edition 2010.
2. Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011)

SUPPLEMENTARY:

1. Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson , 13th November, 2001)
2. Electronic Commerce by Elias M. Awad, Prentice Hall of India Pvt Ltd.
Cyber Laws: Intellectual Property & E-Commerce Security by Kumar K, Dominant Publishers.
3. Network Security Bible, Eric Cole, Ronald Krutz, James W. Conley, 2nd Edition, Wiley India Pvt. Ltd.
4. Fundamentals of Network Security by E. Maiwald, McGraw Hill.