



GONDWANA UNIVERSITY, GADCHIROLI

B.Sc., B.A. & B.Com. SEMESTER - I & II

SYLLABUS FOR VALUE ADDED COURSES (VEC)

1. Intellectual Property Rights (IPR)

Total credits:02

Total hours: (Theory:30, Practical:00)

Course Objectives:

- To provide a comprehensive understanding of the meaning and significance of Intellectual Property Rights (IPR).
- To familiarize students with different types of IPR, including copyrights, patents, trademarks, and designs.
- To educate students on the historical evolution and international agreements related to IPR.
- To develop an understanding of the processes involved in obtaining and protecting various forms of intellectual property.
- To analyze real-world examples and case studies to illustrate the practical application and importance of IPR.

Course Outcomes:

By the end of this course, students should be able to:

- Explain the meaning and significance of Intellectual Property Rights (IPR).
 - Differentiate between the various types of IPR: copyrights, patents, trademarks, and designs.
 - Describe the historical evolution and major international agreements related to IPR.
 - Understand and apply the processes for obtaining and protecting copyrights, patents, trademarks, and industrial designs.
 - Evaluate and apply the concepts of fair use, moral rights, and economic rights in the context of copyrights.
 - Analyze case studies and examples of successful IPR protection to illustrate practical applications.
-

Unit 1: Introduction to Intellectual Property Rights (7.5Hrs.)

Meaning and significance of Intellectual Property Rights (IPR), Overview of Copyrights, Patents, Trademarks, and Designs, Brief historical evolution and international agreements related to IPR.

Unit 2: Copyrights and Related Rights (7.5Hrs.)

Understanding Copyright: Definition, scope, and rights of copyright holders, Fair use and exceptions to copyright, Basic understanding of moral rights and economic rights.

Unit 3: Patents and Industrial Designs (7.5 Hrs.)

Basics of Patents: Definition, types, and patentable inventions, Patent application process and rights of patent holders, Introduction to Industrial Designs: Definition, registration, and protection.

Unit 4: Trademarks and Geographical Indications (7.5Hrs.)

Understanding Trademarks: Meaning, registration process, and rights of trademark owners
Geographical Indications (GIs): Definition, importance, and protection, Brief case studies and examples of successful IPR protection.

Reference books:

1. Intellectual Property Rights: Unleashing the Knowledge Economy, Prabuddha Ganguli, Tata McGraw-Hill Education, 2001
 2. Intellectual Property: The Law of Trademarks, Copyrights, Patents, and Trade Secrets, Deborah E. Bouchoux, Cengage Learning, 2017
 3. Intellectual Property Law: Text, Cases, and Materials, Tanya Aplin, Jennifer Davis, Oxford University Press, 2017
 4. Copyright Law, P. Narayanan, Eastern Law House, 2017
 5. Law Relating to Intellectual Property, B. L. Wadehra, Universal Law Publishing, 2012
 6. Moral Rights: Principles, Practice and New Technology, Mira T. Sundara Rajan, Oxford University Press, 2011
 7. Patent Law and Practice, P. Narayanan, Eastern Law House, 2019
 8. Understanding Patent Law, Amy L. Landers, Carolina Academic Press, 2018
 9. Patent It Yourself, David Pressman, Nolo, 2020
 10. McCarthy on Trademarks and Unfair Competition, J. Thomas McCarthy, Thomson Reuters, 2017
 11. Geographical Indications: A Search for Identity, Tapan Kumar Rout and Bibhu Santosh Behera, New Century Publications, 2014
 12. The Protection of Geographical Indications: Law and Practice, Michael Blakeney, Edward Elgar Publishing, 2014
 13. "बौद्धिक संपदा कायदे" अँड. सुधीर जे. बिर्जे, अजित प्रकाशन.
 14. ज्ञान हिच संपत्ति: पेटेंट-कॉपीराइट-ट्रेडमार्क: महेश जाधव, किंडल संस्करण
 15. पेटेंट और पेटेंट कानूनों का एक परिचय, शिव प्रसाद बोस जॉय बोस, किंडल संस्करण.
-



GONDWANA UNIVERSITY, GADCHIROLI

B.Sc., B.A. & B.Com. SEMESTER - I & II SYLLABUS FOR VALUE ADDED COURSES (VEC)

2. Environmental studies

Total credits:02

Total hours: (Theory:30, Practical:00)

Course Objectives:

- To introduce the fundamental concepts of the environment, including its natural and human-made components.
- To educate students on the structure and functions of different types of ecosystems.
- To explain the causes and effects of climate change and explore mitigation strategies.
- To provide an overview of natural resources, their types, and management practices.
- To highlight major environmental pollution issues and discuss control measures.
- To examine global environmental issues and discuss sustainable solutions and development goals.

Course Outcomes:

Upon completion of this course, students will be able to:

- Define and Explain Environmental Concepts.
 - Analyze Natural Resource Management.
 - Assess Pollution and Control Methods.
 - Evaluate Global Environmental Challenges.
-

Unit 1: Introduction to Environmental Studies (7.5 Hrs)

Understanding the Environment: Definition and components (natural and human-made).

Ecosystems: Types and functions. Climate change: Causes, effects, mitigation.

Unit 2: Natural Resources and Their Management (7.5Hrs.)

Types of Natural Resources: Renewable and non-renewable. Water Resources: Surface and groundwater, conservation. Energy Resources: Conventional and non-conventional, Importance of renewable energy.

Unit 3: Environmental Pollution and Control Measures (7.5Hrs.)

Air Pollution: Sources, types, effects, control measures. Water Pollution: Sources, types, effects, treatment methods. Soil Pollution: Causes, types, effects, conservation techniques.

Unit 4: Global Environmental Issues and Sustainable Solutions (7.5Hrs.)

Global Warming and Climate Change: Greenhouse gases, effects, mitigation. Loss of Biodiversity: Habitat destruction, conservation efforts. Sustainable Development Goals (SDGs): Overview, importance for global sustainability.

Reference Books:

1. Environmental Studies, Benny Joseph, Tata McGraw-Hill Education.
 2. Environmental Science: Principles and Practice, Anubha Kaushik, C.P. Kaushik, New Age International Publishers.
 3. Environmental Studies, D. R. Khullar, S. Chand Publishing
 4. Environmental Studies, R. Rajagopalan, Oxford University Press
 5. Environmental Pollution and Control, J. Jeffrey Peirce, Ruth F. Weiner, P. Aarne Vesilind, Butterworth-Heinemann.
 6. पर्यावरण अध्ययन, द. ग. देसाई, नवचेतना प्रकाशन, 2018.
 7. पर्यावरण शिक्षण, डॉ. संजीवनी गोखले, साहित्य प्रकाशन, 2017.
 8. जलसंपदा आणि जलव्यवस्थापन, डॉ. अनिल कुलकर्णी, प्रकाशन विभाग, 2019.
 9. प्रदूषण आणि त्याचे परिणाम, सतीश देशमुख, महानगर प्रकाशन, 2016.
 10. ग्लोबल वार्मिंग आणि हवामान बदल, डॉ. रमेश शहा, सागर प्रकाशन, 2020.
-



GONDWANA UNIVERSITY, GADCHIROLI

B.Sc., B.A. & B.Com. SEMESTER - I & II

SYLLABUS FOR VALUE ADDED COURSES (VEC)

2. Constitution of India

Total credits: 02

Total hours: (Theory:30, Practical:00)

Course Objectives:

- To introduce the fundamental concepts of democracy and trace its historical development in India.
- To provide a foundational understanding of the Indian Constitution, including its historical background, basic features, and the significance of the Preamble.
- To educate students on the distribution of powers in India's federal system.
- To explain the roles and responsibilities of key figures in the parliamentary system, such as the President, Prime Minister, and Parliament.
- To provide a basic understanding of the structure and functions of the Indian judiciary.
- To familiarize students with the fundamental rights guaranteed by the Indian Constitution, including an overview and examples.
- To explain the objectives and basic concepts of the directive principles of state policy.
- To provide knowledge on the basics of acquiring and losing Indian citizenship.
- To give an overview of key constitutional institutions, such as the Election Commission.
- To provide a basic understanding of the constitutional amendment process.
- To discuss the challenges to Indian democracy, including basic concepts of electoral reforms and secularism.

Course Outcomes:

Upon completion of this course, students will be able to:

- Define democracy and describe its historical evolution in India.
- Articulate the historical background, basic features of the Indian Constitution, and the significance of the Preamble.
- Understand the principles of federalism and the distribution of powers in India.

- Describe the roles of the President, Prime Minister, and Parliament in the parliamentary system.
- Explain the structure and basic functions of the Indian judiciary.
- Provide an overview of fundamental rights and cite examples.
- Discuss the objectives and basic concepts of the directive principles of state policy.
- Explain the processes of acquiring and losing Indian citizenship.
- Give an overview of key constitutional institutions like the Election Commission.
- Understand the basic process and significance of constitutional amendments.
- Discuss the basic concepts of electoral reforms and secularism, and identify challenges to Indian democracy.

Unit 1: Understanding the Constitution (7.5 hours)

Basics of Democracy, Historical evolution of democracy in India. Introduction to Indian Constitution: Historical background and basic features; Preamble: Meaning and importance.

Unit 2: Framework of Governance (7.5 hours)

Federalism in India: Basic understanding of the distribution of powers; Parliamentary System: Role of the President, Prime Minister, and Parliament; Judiciary: Structure and basic functions.

Unit 3: Rights and Duties of Citizens (7.5 hours)

Fundamental Rights: Overview and examples; Objectives and basic concepts of directive principles of state policy; Citizenship: Basics of acquiring and losing citizenship.

Unit 4: Constitution in Practice (7.5 hours)

Constitutional Institutions: Overview of key institutions like the Election Commission; Amendment Process and its basic understanding; Challenges to Indian Democracy: Basic concepts of electoral reforms and secularism.

Reference books:

1. Introduction to the Constitution of India, D.D. Basu, LexisNexis, 2014.
2. Our Constitution, Subhash C. Kashyap, National Book Trust, 2018.
3. The Constitution of India: A Contextual Analysis, Arun K. Thiruvengadam, Bloomsbury Publishing, 2017.
4. The Constitution of India: Preamble, P.M. Bakshi, Universal Law Publishing, 2018.
5. We, the People: India, the Largest Democracy, Nani A. Palkhivala, UBS Publishers' Distributors, 2000.

6. Federalism in India: A Quest for Justice, K.C. Wheare, Oxford University Press,2008.
7. Parliamentary Democracy in India, Subhash C. Kashyap, National Book Trust,1998.
8. Working a Democratic Constitution: The Indian Experience, Granville Austin, Oxford University Press.1999.
9. The Indian Judicial System: A Historical Survey, Rangin Pallav Tripathi, Universal Law Publishing,2014.
10. Fundamental Rights and Constitutional Remedies, H. M. Seervai, N.M. Tripathi,1978.
11. Indian Polity for Civil Services Examinations, Laxmikanth, McGraw Hill Education,2020.
12. Citizenship and Statelessness in India, Niraja Gopal Jayal,Harvard University Press,2013.
13. भारतीय संविधान, डॉ. दीपक अर्विंद वाघ ,ग्रंथालय गुलबर्गा, 2018.
14. भारतीय संविधान आणि संविधानीय अधिकार, सुधाकर कराड, महाराष्ट्र राज्य साहित्य आणि संस्कृती मंडळ, 2020.
15. भारतीय संविधान की शिक्षा, डॉ. ए.एस. शर्मा, सी.एन.टी. प्रकाशन, 2019.
16. भारतीय संविधान: एक परिचय, डॉ. एम.पी. सिंह, विजय निकेतन ,2021.
17. भारतीय संविधान: राज्यशास्त्र अभ्यासमंडळ, गोंडवाणा विद्यापीठ, गडचिरोली यांनी तयार केलेले पुस्तक- 2023, www.unigug.ac.in



GONDWANA UNIVERSITY, GADCHIROLI

B.Sc., B.A. & B.Com. SEMESTER - I & II

SYLLABUS FOR VALUE ADDED COURSES (VEC)

4. Indian Democracy, Election And Good Governance

Total credits: 02

Total hours: (Theory:30, Practical:00)

Course Objectives:

- To understand the Basics of Indian Democracy
- To comprehend the Electoral System in India
- To grasp the Principles of Good Governance
- To apply Knowledge Through Case Studies and Practical Applications

Course Outcomes:

- Upon completion of this course, students will be able to:
 - Explain the Basics of Indian Democracy
 - Analyze the Electoral System in India
 - Evaluate the Principles of Good Governance
 - Apply Knowledge to Real-World Scenarios
-

Unit 1: Introduction to Indian Democracy (7.5 hours)

Basics of Democracy: Definition and Principles of Democracy; Historical Evolution of Democracy in India. Constitution of India: Preamble and its Significance: Fundamental Rights and Duties. Democratic Institutions: Structure and Functions of the Legislature; Role of the Executive.

Unit 2: Electoral System in India (7.5 hours)

Election Commission of India: Composition and Functions; Powers and Responsibilities. Electoral Processes: Voter Registration, Election Campaigns and Voting Procedure. Representation and Accountability: Role of Elected Representatives; Importance of Free and Fair Elections.

Unit 3: Good Governance (7.5 hours)

Principles of Good Governance: Definition and Importance, Transparency and Accountability. Policies and Reforms: Major Government Policies for Good Governance; Role of Technology in Governance. Challenges to Good Governance: Corruption and Bureaucratic Inefficiency, Lack of Transparency.

Unit 4: Case Studies and Practical Applications (7.5 hours)

Case Studies of Good Governance: Successful Initiatives in India; Lessons Learnt from Case Studies. Participatory Democracy: Role of NGOs and Civil Society; Public Participation in Policy Making. Project and Presentation: Research on a Specific Aspect of Indian Democracy or Governance.

Reference books:

1. Indian Polity, M. Laxmikanth, Publisher: McGraw Hill Education, 2021 (7th Edition).
2. Introduction to the Constitution of India, Durga Das Basu, LexisNexis, 2022 (24th Edition).
3. Our Constitution, Subhash C. Kashyap, National Book Trust, 2018.
4. The Constitution of India: Cornerstone of a Nation, Granville Austin, Oxford University Press, 1999.
5. Public Administration in India, S.R. Maheshwari, Macmillan, 2004.
6. Indian Government and Politics, B.L. Fadia, Sahitya Bhawan Publications, 2021.
7. Electoral Reforms in India, K.C. Suri, Orient Blackswan, 2011.
8. India's Electoral Politics: An Interpretation, Suhas Palshikar, Routledge, 2021.
9. Governance in India, M. Laxmikanth, McGraw Hill Education, 2021 (2nd Edition).



GONDWANA UNIVERSITY, GADCHIROLI

B.Sc., B.A. & B.Com. SEMESTER - I & II

SYLLABUS FOR VALUE ADDED COURSES (VEC)

1. Detailed Project Report (D.P.R) Writing

Total credits: 02

Total hours: (Theory:30, Practical:00)

Course Objectives:

- To understand the Basics of Project Reports
- To structure a Project Report Effectively
- To develop Effective Writing Techniques and Style
- To finalize and Present the Project Report

Course Outcomes:

Upon completion of this course, students will be able to:

- Explain the Purpose and Types of Project Reports
 - Structure Project Reports Appropriately
 - Employ Effective Writing Techniques and Styles
 - Edit, Format and Present Project Reports Professionally
-

Unit 1: Introduction to Project Reports

- Understanding the purpose and importance of project reports.
- Different types of project reports: feasibility, technical, financial, etc.
- Overview of components: title page, abstract, table of contents, introduction.

Unit 2: Structuring the Project Report

- Guidelines for structuring: chapters and sections.
- Writing clear objectives and scope statements.
- Methods and materials: describing research methodology and resources used.
- Data collection and analysis techniques.

Unit 3: Writing Techniques and Style

- Writing effectively: clarity, coherence, and conciseness.

- Using appropriate language and tone.
- Incorporating visuals: tables, charts, graphs, and illustrations.
- Citation and referencing styles: APA, MLA, or as per institution guidelines.

Unit 4: Finalizing and Presenting the Report

- Editing and proofreading techniques.
- Formatting guidelines: margins, fonts, spacing.
- Creating a professional layout and design.
- Presenting the report: oral presentation skills and handling questions.

Reference books:

1. Technical Report Writing Today, Daniel G. Riordan, Steven E. Pauley, Cengage Learning, 2014.
2. A Guide to Writing a Project Report, Ian Montagne, Sheila McCarthy, Oxford University Press, 2009.
3. The Elements of Style, William Strunk Jr., E.B. White, Pearson, 2000.
4. The Visual Display of Quantitative Information, Edward R. Tufte, Graphics Press, 2001.
5. Editing and Proofreading: Made Easy– A Comprehensive Guide, O.G. Rose, independently published, 2019.
6. Publication Manual of the American Psychological Association (APA Style Guide), American Psychological Association (APA), 2020

Important Note:-

As Value Added Courses (VEC) is concerned, the shall any One above subject out of Five in semester - I, and One Subject in Semester - II other than the selected subject in semester - I

Scheme of Examination (Sem. I, II, III & IV)

Sr. No	Structure	Question and Mark Distribution
1	Total Units - each subject	4
2	Total questions on each unit	8
3	Total questions	32
4	Marks for each question	2
5	Total Marks	64
6	Out of the total number of questions to be solved by the student	25
7	Min. Passing Marks	25