

M.Sc. Semester-III

Paper-IV: MSP-S02: INTELLECTUAL PROPERTY RIGHTS

Course Outcomes

After the completion of the course, students will be able to understand:

CO-01:- The concept and development of all forms of I.P.R.

CO-02:- Distinguish and explain various forms of I.P.R

CO-03:- Identify criteria's to fit one's own intellectual work in particular forms of I.P.R

CO-04:- Apply statutory provisions to protect particular forms of I.P.R

CO-05:- Apply the concept and forms of I.P.R in research field

MAPPING OF CO (COURSE OUTCOME) AND PO (PROGRAMME OUTCOME):

| POs COs | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CO-01 | | | | | | | | ✓ | | |
| CO-02 | | | | | | | | ✓ | | |
| CO-03 | | | | | | ✓ | | | | |
| CO-04 | | | ✓ | | | | | | | |
| CO-05 | | ✓ | ✓ | | | ✓ | | | | |

| M.Sc. in PHYSICS | | THIRD SEMESTER | |
|---|---|-------------------|---------------|
| COURSE CODE: MSPS02 | | COURSE TYPE : OSC | |
| COURSE TITLE: INTELLECTUAL PROPERTY RIGHTS | | | |
| CREDIT: 06 | | HOURS : 90 | |
| THEORY: 06 | Practical: 00 | THEORY: 90 | Practical: 00 |
| MARKS : 100 | CCA : 30 | | |
| THEORY: 70 | | | |
| Scheme of marks: | | | |
| i. Objective type questions: Twelve questions carrying 1 marks each to be asked ten to be attempted ii. Short answer type questions: Five questions carrying 6 marks each to be asked three to be attempted (Word limit 100 words). iii. Middle answer type questions: Five questions carrying 9 marks each to be set three to be attempted (Word limit 250 words). iv. Long answer type questions: three questions carrying 11 marks each to be set two to be attempted (Word limit 750 words). | | | |
| UNIT - 1 12 Hrs | Introduction, Nature, Basic Concepts and International Conventions : Nature and meaning of Intellectual Property, Justification for protection of Intellectual Property Rights, Types of Intellectual Property, Leading International instrument concerning protection of Intellectual Property: The Berne Convention (1886), Rome convention (1961) Trade Related intellectual property agreement, 1995 (TRIPS) | | |
| UNIT - 2 24 Hrs | Law of Copyright Definition, Subject matter of copyright, Ownership of Copyright, Term of Copyright, Rights of Owner, Assignments and Licenses, Infringement of Copyright , Remedies against infringement of copyright | | |
| UNIT - 3 10 H rs | Law of Patents Meaning , Criteria for obtaining patents- <i>Novelty, Utility, Non-obviousness</i> , Non-patentable inventions, Procedure for Registration, Term of patent, Rights of Patentee, Compulsory licensing and Government use of patent, Infringement of patent, Remedies in case of Infringement | | |
| UNIT - 4 24 Hrs | Law of Trademark Meaning of mark & Trademark, Categories of Trademark- Conventional and Non-conventional Marks , Concept of distinctiveness, Doctrine of honest concurrent use, Procedure of registration of trademarks and Term of Protection, Absolute and relative grounds for refusal of registration, Assignment and Licensing, Infringement and Passing off. | | |
| UNIT - 5 20 Hrs | Design and other forms of Geographical Indication (GI) 1. Geographical Indication- Meaning of GI, Difference between GI and Trademark & Concept of Authorized user 2. Designs- Meaning of Design Protection, Concept of original design, Term of Protection | | |

SUGGESTED
READINGS

1. V.K.Ahuja, *Law Relating to Intellectual Property Rights*, Lexis Nexis, Haryana, India.
2. G.B.Reddy, *Intellectual Property Rights and Law*, Gogia Law Agency, Hyderabad.
3. S.R.Myneni, *Intellectual Property Law*, Eastern Law House, Calcutta
4. P. Narayanan *Intellectual Property Rights and Law (1999)*, Eastern Law House, Calcutta, India
5. VikasVashistha, *Law and Practice of Intellectual Property*, (1999) Bharat Law House, New Delhi.
6. GyanvatiDhakad, *BaudhikSampadaVidhiyan (Intellectual Property Laws- Hindi)*, Central Law Publication.



M.Sc. Semester-II

Paper-V: MSP-B01: ENVIRONMENTAL AND FOREST LAWS

Course Outcomes

After completing the course the students will be able to :-

CO-01- The primary learning outcome is to sensitize the students towards human activities that adversely affect the environment and the need for regulation of such activities.

CO-02- Students will develop a thorough understanding of practice and procedure followed by various environmental law enforcing agencies/bodies.

CO-03- Students will be able to pursue environmental litigation before the National Green Tribunal and assist the Tribunal as a researcher or in any other capacity.

CO-04- Students will be able to assist industries and projects in obtaining environmental clearance and compliances with other environmental laws.

MAPPING OF CO (COURSE OUTCOME) AND PO (PROGRAMME OUTCOME):

| POs COs | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CO-01 | | | | | | | | ✓ | | |
| CO-02 | | | | | | ✓ | | | | ✓ |
| CO-03 | | ✓ | | | | | | | | ✓ |
| CO-04 | | ✓ | | | | | | | | ✓ |



| M.Sc. in PHYSICS | | SECOND SEMESTER |
|---|---|----------------------|
| COURSE CODE : MSPB01 | | COURSE TYPE : ECC/CB |
| COURSE TITLE: ENVIRONMENTALAND FOREST LAWS | | |
| CREDIT: 06 | HOURS : 90 | |
| THEORY: 06 | THEORY: 90 | |
| MARKS: 100 | CCA : 30 | |
| THEORY: 70 | | |
| Scheme of marks: | | |
| i. Objective type questions: Twelve questions carrying 1 marks each to be asked ten to be attempted ii. Short answer type questions: Five questions carrying 6 marks each to be asked three to be attempted (Word limit 100 words). iii. Middle answer type questions: Five questions carrying 9 marks each to be set three to be attempted (Word limit 250 words). iv. Long answer type questions: three questions carrying 11 marks each to be set two to be attempted (Word limit 750 words). | | |
| UNIT - 1 18 Hrs | EVOLUTION OF FOREST AND WILD LIFE LAWS a) Importance of Forest and Wildlife b) Evolution of Forest and Wild Life Laws c) Forest Policy during British Regime d) Forest Policies after Independence. e) Methods of Forest and Wildlife Conservation. | |
| UNIT - 2 18 Hrs | FOREST PROTECTION AND LAW a) Indian Forest Act, 1927 b) Forest Conservation Act, 1980 & Rules therein c) Rights of Forest Dwellers and Tribal c) The Forest Rights Act, 2006 d) National Forest Policy 1988 | |
| UNIT - 3 18 Hrs | WILDLIFE PROTECTION AND LAW a) Wild Life Protection Act, 1972 b) Wild Life Conservation strategy and Projects c) The National Zoo Policy | |

[Handwritten signature]

| | |
|--|--|
| <p style="text-align: center;">UNIT - 4 18 Hrs</p> | <p>CHAPTER - BASIC CONCEPTS</p> <ol style="list-style-type: none"> a. Meaning and definition of environment. b. Multidisciplinary nature of environment c. Concept of ecology and ecosystem d. Importance of environment e. Meaning and types of environmental pollution. f. Factors responsible for environmental degradation. <p>CHAPTER- INTRODUCTION TO LEGAL SYSTEM</p> <ol style="list-style-type: none"> a. Acts, Rules, Policies, Notification, circulars etc b. Constitutional provisions on Environment Protection c. Judicial review, precedents d. Writ petitions, PIL and Judicial Activism <p>CHAPTER - LEGISLATIVE FRAMEWORK FOR POLLUTION CONTROL LAWS</p> <ol style="list-style-type: none"> a) Air Pollution and Law. b) Water Pollution and Law. c) Noise Pollution and Law. |
| <p style="text-align: center;">UNIT - 5 18 Hrs</p> | <p>CHAPTER- LEGISLATIVE FRAMEWORK FOR ENVIRONMENT PROTECTION</p> <ol style="list-style-type: none"> a) Environment Protection Act & rules there under b) Hazardous Waste and Law c) Principles of Strict and absolute Liability. d) Public Liability Insurance Act e) Environment Impact Assessment Regulations in India <p>CHAPTER - ENVIRONMENTAL CONSTITUTIONALISM</p> <ol style="list-style-type: none"> a. Fundamental Rights and Environment <ol style="list-style-type: none"> i) Right to EqualityArticle 14 ii) Right to InformationArticle 19 iii) Right to LifeArticle 21 iv) Freedom of Trade vis-à-vis Environment Protection b. The Forty-Second Amendment Act c. Directive Principles of State Policy & Fundamental Duties d. Judicial Activism and PIL |

**SUGGESTED
READINGS**

Bharucha, Erach. Text Book of Environmental Studies. Hyderabad : University Press (India) Private limited, 2005.
Doabia, T. S. Environmental and Pollution Laws in India. New Delhi: Wadhwa and Company, 2005.
Joseph, Benny. Environmental Studies. New Delhi: Tata McGraw-Hill Publishing Company Limited, 2006.
Khan. I. A. Text Book of Environmental Laws. Allahabad: Central Law Agency, 2002.
Leelakrishnan, P. Environmental Law Case Book, 2nd Edition. New Delhi: LexisNexis Butterworths, 2006.
Leelakrishnan, P. Environmental Law in India. 2nd Edition. New Delhi: LexisNexis Butterworths, 2005.
Shastri, S.C (ed). Human Rights, Development and Environmental Law, An Anthology. Jaipur: Bharat law Publications, 2006.
Environmental Pollution by Asthana and Asthana, S, Chand Publication
Environmental Science by Dr. S.R.Myneni, Asia law House
Gurdip Singh, Environmental Law in India (2005) Macmillan.
Shyam Diwan and Armin Rosencranz, Environmental Law and Policy in India - Cases, Materials and Statutes (2nd ed., 2001) Oxford University Press.

JOURNALS :-

Journal of Indian Law Institute, ILI New Delhi.
Journal of Environmental Law, NLSIU, Bangalore.

MAGAZINES :-

Economical and Political Weekly
Down to Earth.

M.A./M.Sc/M.Com/LLM
FIRST - SEMESTER
SOCIAL OUTREACH AND INTERNSHIP &
ENTREPRENEURSHIP

Course Code –ECO - 121

Course Type – ECC/CB

Scheme of Marks :-

-
1. Social Outreach – 50 Marks (Project Work – 40 Marks & Viva- voce – 10 Marks)
 2. INTERNSHIP & ENTREPRENEURSHIP 50 Marks (Project Work – 40 Marks & Viva- voce – 10 Marks)
 3. Viva voce – on the basis of their project and class room study of entrepreneurship.
-

SOCIAL OUTREACH (Value Based)

Course Title: Social Outreach Programme Course Duration: 45 hours Course intended for: Semester I students of PostGraduate degree programmes of all streams.

Course Credits: 2 Course Code:

Course Description:-

- 1-The Social outreach programme proposes to equip the students for community up-liftment work.
- 2-It will strive to prepare citizens who will make a marked difference in the society.
- 3-The students will be provided with numerous opportunities to build their knowledge and skills on the fundamental values of social fairness and compassion.
- 4- The programme will focus on integrating academic work with community services. It will equip the students to learn to connect knowledge gained in classroom with real life situation by getting hands on experience through community services. It will also foster the development of civic responsibility.
- 5-The students will get an opportunity to
 - (i) Engage in social service.
 - (ii) Reflect upon larger issues that affect communities through readings and discussions.
 - (iii) Integrate academic learning and community engagement through practical field work.
 - (iv) Develop awareness, knowledge and skills for working with diverse groups in the society.

List of Projects under Social Outreach Programmes:

- Working as Motivators under the Swatch Bharat Campaign of the Government,
- Literacy drive : (i). Teaching in the Charitable School Adopted by the College
- Enroll as NSS Volunteers for various projects (Cleanliness, Women health awareness)
- Counseling camps in villages
- Tree plantation (i) Maintaining the trees in the park adopted by the college .
- Women Empowerment Programmes in collaboration
- Generating awareness on voting among the youth.
- Drug Abuse (Generate awareness among the school children)
- Environment Awareness (Reduce Pollution)
- Old Age Homes/Orphanages Operating the Empathy Corner outside the college gate.
- Disaster Management/Relief Work Evaluation /Assessment: In the beginning of the semester the students after enrolling for one of the Projects offered will be given deadlines for the project.

Quastie

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]
[Signature]

Internship :- The student could also be required 15 day internship for preparation of a project report with an enterprise involving product /services

| M.A./M.Sc/M.Com/LLM FIRST - SEMESTER INTERNSHIP & ENTREPRENEURSHIP SYLLABUS | |
|--|---|
| Module/Unit & Lecture | Description |
| Module-1 (Lecture-6) | Entrepreneurship Concept And Significance Entrepreneurship: Definition, Concepts of entrepreneurship development, self Employment, Characteristics of successful entrepreneur. |
| Module-2 (Lecture-6) | Entrepreneurship Support Institutions And Environment Institution and schemes of Government of India, Financing- Long, medium and short Term loan, Financial Institutions-NABARD, SIDBI, Nationalised banks etc., DIC- Role Schemes and programmes, documentation of loan application, sanction, acceptance, Release of loan. |
| Module-3 (Lecture-6) | Business Opportunities and Business Planning Market survey and assessment-Demand, Supply and Nature of competition, cost and price of products, selection of enterprise, Identify problem and opportunities, The Project Report. |
| Module-4 (Lecture-6) | General Management and Finance The fourth stage growth model-Planning, Organizing, executing, controlling resources Both human and material, asset management, business communication, Advertisement, public relation, Finance-Meaning, need of financial management, Type of business finance and management, Financial Planning, importance of budgets. |
| Module-5 (Lecture-6) | Market Management – Meaning and Concept of marketing, objectives of marketing management, Marketing Plan. |

Suggested References

01. Entrepreneur Development, SS Khanna, S Chand & Company Ltd, Ram Nagar New Delhi.
02. Entrepreneur and Entrepreneurship Development and Planning in India, D. N. Mishra, Chugh Publication, Allahabad.
03. Science Tec. Entrepreneur (A BI Monthly Publication) Centre for Entrepreneurship Development M. P. (CEDMAP), 60 Jall road Jhangerbad, Bhopal-

Diakie

[Signature]

[Signature]

[Signature]

[Signature]