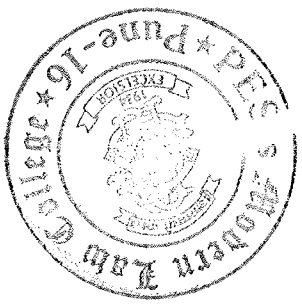
## List of cross cutting issues and core courses [2016-2021]

1. Gender Balance/Gender Sensitivity- **Vulnerable and Disadvantaged Groups and Criminal Law**
2. Environmental Hazards/Local challenges in Sustainable Development- **Environmental Law**
3. Changing Human Values- **Human Rights Law and practice**
4. Religion and religious sentiments- **General Principles of Sociology**
5. Dowry- **Indian Penal Code**
6. Human Rights- **Human Rights Law and practice**
7. Cultural Diversity- **Society in India**
8. Health and Hygiene- **Health and law**
9. Food, Nutrition- **Health and law**
10. Poverty Reduction – **Theories of Development and Indian Economy**
11. CSR- **Company Law**
12. Professional Ethics- **Professional Ethics and Contempt of Court Law**

Human Rights and International law, Women & Law & Rights of child.

Adhw



9. Bhudhan, Vidya — Prison System in India
10. Mulla — Mulla Committee Report

## Paper 4 – Optional Paper
## (c) Woman and Law, and Law relating to the Child

Division of marks

a. Woman and Law – 50 marks
b. Law relating to the child – 50 marks

### A. Woman and Law (50 marks)

#### 1. Constitution of India (Provisions regarding women)

1. Constitution of India – Articles 14, 15(1), 15(3), 16 (1), 23 and (2), 39 (d), 51
2. Reservation of seats for women in local bodies – Article 243.

#### 2. Violence against women

A) Domestic Violence
   i. Protection against cruelty
   ii. Harassment for dowry
   iii. Forced prostitution
   iv. State intervention

**B) Relevant provisions of**
   i. The Indian Penal Code 1890.
   ii. The Criminal Procedure Code 1973.
   iii. The Indian Evidence Act. 1872.
   iv. The Dowry Prohibition Act. 1961.
   v. The Immoral Traffic (Prevention) Act. 1956.

#### 3. Women and Labour laws

Relevant provisions of
1. The Equal Remuneration Act. 1976.
2. The Maternity Benefits Act. 1961.
3. The Factories Act. 1948.
4. The Mines Act. 1952.
5. The Employee's State Insurance Act. 1948.

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#### 4. Other protective legislations

1. The National Commission for Women Act. 1990.
2. The Indecent Representation of Women (Prohibition) Act.
3. The Commission of Sati (Prevention) Act. 1987
4. The Medical Termination of Pregnancy Act. 1971.
5. The Pre-natal Diagnostics Techniques (Regulation and Prevention of Misuse) Act. 1994.

#### 5. Need for gender justice, Uniform Civil Code.

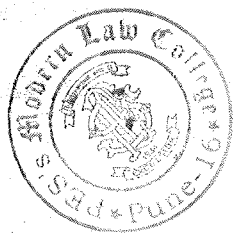
Law.

a. International Law – is it true law?
b. Theories of international law, private international law and public international law.

2. International institutions, their functions and role in International Economic law.
   a. New International Economic Order (NIEO), Charter on Economic Rights and Duties of States (ERDS).
   b. United Nations Conference on Trade and Development (UNCTAD).
   c. United Nations Conference on International Trade Law (UNCITRAL).
   d. World Intellectual Property Organization (WIPRO).
   e. Paris Convention, Berne Convention.
   f. International Bank for Reconstruction and Development (BRD).
   g. International Finance Corporation (IFC).
   h. International Development Association (IDA).
   i. United Nations Development Programme (UNDP).
   j. World Trade Organization (WTO).
   k. Organization for Economic Co-operation and Development (OECD).

3. Foreign Investment
   a. Types and role of foreign investment.
   b. Measures to regulate and control foreign investment.
   c. World Bank guideline.
   d. Introduction to International Finance.

4. International Trade.
   - Unification of the law of International Sale of Goods.
   - Uniform Customs and Practice for Documentary Credits and the International Chamber of Commerce.
   - Conventions for Enforcement of Arbitration Awards.
     Geneva Protocol and Convention.
     New York Convention 1958.
     UNCITRAL model law on International Commercial Arbitration.
   - International Convention governing Bill of Lading.
     Brussels Convention
   - The Hague Draft Convention on the Recognition and Enforcement of Foreign Judgments in Civil and Commercial Matters Recognition and enforcement




5. A. General Agreement on Tariffs and Trade.
   - The legal and institutional aspects of GATT.
   - Historical evolution of the GATT.

National Treatment, Tariffs and Quotas.

a. Belgium – I Unity Allowances: G/32 adopted on 7 November 1952, IS/39.
b. Spain-Tariff Treatment of Unfrosted Coffee from Brazil, L/5:35, adopted on 11 June 1981 288/02.
c. United States – Denial of Most Favored Nation Treatment as to Non-rubber Footwear from Brazil, DS/18/R adopted on19 June 1992, 39S/I28.
d. Japan-Tariff on Import of Spruce-Pine-Fir ("Dimension Lumber") adopted 19 July 1989, 36S/167.
e. Thailand-Restrictions on Importation of and Internal Tares on Cigare BISD 37s/200.
f. US-Section 337 of the Tariff Act of 1930, BISD 36s/345.
g. Japan-Taxes on Alcoholic Beverages, WT/DSS/AB/R,WTO Panel report issued 11 July 1996, appeal filled by Japan, 8 August 1996.
h. Japan- Taxes on Alcoholic Beverage, WT/DS8/R, WTO Appellate Body report circulated 4 October 1996.
i. United States- taxes on Petroleum and Certain Imported Substances, BISD 34s/136:27 ILM (1988, pp. 1596-1616) Trade and Environment.
j. United States- Prohibition of Import of Tuna and Tuna Products from Canada, Report of the Panel adopted on 22 February 1982, BISD/29s/91.
k. United States- Taxes on Petroleum and Certain Imported Substances, Report of the Panel adopted on 17 June 19878, BISD/34S/160.
l. Canada- Measures affecting Exports of Unprocessed Herring and Salmon, Report of the Panel adopted on 22 March 1988, BISD/35/98.
m. United States- Section 337 of the Tariff Act of 1930. Report of the Panel adopted on 7 November 1989, BISD/36S/345.
n. EEC-Regulation on Imports of Parts and Components (Screwdriver Case), Report of the Panel adopted on 16 May 1990, BISD/37S/132.
o. Thailand-Restrictions on Importation of and Internal Taxes on Cigarettes, Report of the Panel adopted on 7 November 1990, BISD/37S/200.
p. United States-Restrictions on Imports of Tuna from Mexico, Report of the Panel. GATT DOCUMENT ds21/R, 3 September 1991, 30 ILM 91991 1594.
q. United States- Standards for Reformulated and Conventional Gasoline. WT/DS2/AB/R, AB-1996-1, 29 April 1996.

2. Topic: ICJ

a. Anglo-Iranian Oil Co Case, ICJ Reports 1952, P.93: 19ILR 507.
b. Monetary Gold Case (Preliminary Question), ICJ Reports, 1954 p.29: 20 IL 441.
c. Norwegian Loans Case, ICJ Reports 1957, p.9: 24 ILR 782.
d. Barcelona Traction Case, (New Application).



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14. Presumptions as to Documents (Sec. 79 to 90-A)
15. Exclusion of oral by documentary evidence (Sec. 91 to 100)
16. Burden of Proof (Sec.101 to 114-A)
17. Estoppels (Sec.115 to 117)
18. Competency of witnesses (Sec.118 to 134)
19. Examination of witnesses (Sec.135 to 166)
20. Improper admission and rejection of Evidence (Sec. 167)

**Recommended books and readings**


1. Ratanlal and Dhirajlal, The Law of Evidence.
2. Batuklal, The Law of Evidence
3. Avtar Singh, The Law of Evidence
4. Vepa Sarathy, The Law of Evidence
5. Dr. Satish Chandra, Indian Evidence Act.


## Paper 11 – Environmental Law (Including laws for protection of wild life and other living creatures and animal welfare)

**1. Introduction**

I. Nature, scope, need and application of environment law
II. Environmental pollution – causes and effects

**2. Constitutional provision**

I. Right to life, right of wholesome environment, right to development Directive principle of State policy, Fundamental duties, Constitution and environmental legislations
II. Environment Protection and Public Interest Legations

**3. International Environment Law and environment Protection**

I. Sustainable development, Polluter-pays-principle, Precautionary principle
II. Salient features and critical study of Stockholm Conference on Human Environment, 1972
III. Nairobi Declarations, 1982
IV. Rio Conference on Environment and Development, 1992 (Earth Summit
-Rio Declaration
-Convention on Biological Diversity: The Indian Biological Diversity Act 2002
-Convention on Climate Change 1992

**4. Environment Pollution and Laws in India**

I. Framework and analysis of anti-pollution Acts and Rules
II. Authorities under the Acts



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9. Leelakrishnan, Environmental Law, 1986
10. The Environment Protection Act 1986 and Rules 1987

## Paper 12 – Human Rights and International Law

**Division of marks:**

1. Human Rights – 40 marks
2. International Law- 60 marks

**A. Human Rights (4o marks)**

1. Human Rights, nature, concept, origin and development, importance, classification.
2. Civil and political rights, International instruments – UN Charter, UDHR International Covenant on Civil and Political Rights, Part III of the Constitution of India.
3. Social and economic Rights, International instruments including International Covenant on Economic, Social and Cultural Rights, Part IV A of the Constitution of India.
4. Human Rights and vulnerable groups, rights of women, children, disabled, tribals, aged and minorities, National and international legal developments, Part IV A of the Constitution of India (Fundamental duties)
5. Enforcement of human rights, international regional and national mechanism (Legislative, executive and judicial) NHRC – Role of legal profession, NGOs and media

**B. International Law (60 marks)**

1. Introductory-
    a. History of International law
    b. Theories of International Law as to its basis
    c. Codification in international law
    d. Nature, Scope and present day position of international law
2. Sources of International Law
    a. Treaties
    b. Customs
    c. General principles of international law
    d. United Nation General Assembly resolutions as a source of international law.
    e. Non-stature, other sources of international law.
3. Relationship between international law and municipal law (internal law)
    a. Theories
    b. State practice, with special reference to Indian practice
4. Subjects of International Law

7. Kamal Rana (2014). *Role of Pressure Groups in Indian Democracy.* (www.importantindia.com/.../role-of-pressure-groups-in-indian-democracy/).
8. Mukulika Banerjee (2014). *Working of Indian Electoral Democracy -Why India Votes*, Routledge Publishers. (www.mainstreamweekly.net/article6494.html).
9. Pratap Bhanu Mehta, *Is electoral and institutional reform the answer?* (www.india-seminar.com/.../506%20pratap%20bhanu%20mehta.htm).
10. Anup Shah - *Democracy - Global Issues.* (www.globalissues.org/article/761/democracy).
11. Ashutosh Varshney (1998) *India Defies the Odds: Why Democracy Survives* | Journal of Democracy, Volume 9, pp 36-50. (www.journalofdemocracy.org/.../india-defies-odds-why-democracy-survives).
12. T. N. Srivastava (2002). *Local Self Government and the Constitution.* Economic and Political Weekly, Vol. 37, No. 30, pp. 3190-3198.

**Recommended Journals :**

1. American Journal of Political Science - (https://ajps.org/).
2. British Journal of Political Science | Cambridge Core. (https://www.cambridge.org/core/journals/british-journal-of-political-science).
3. American Political Science Review. (www.apsanet.org/apsr).
4. Canadian Journal of Political Science/Revue canadienne de science - (https://www.cambridge.org/.../journals/canadian-journal-of-political-science-revue).
5. Indian Journal of Political Science. (http://www.ijps.net.in/).

**BA 0103 General Principles of Economics :**

**Objectives of the Course :** The objectives of the course are : (1) To study the basic concepts of economics; (2) To apply the economic reasoning to problems of society; (3) To become conversant with fundamental principles of economics; (4) To expose students of Law to economics.

**Module 01 Introduction to Economics :**

1. Meaning and Definition of Economics
2. Scope and Importance of Economics
3. Branches of Economics – Micro, Macro, Positive, Normative, Developmental and Welfare Economics
4. Interrelationship of Economics with Political Science, Management and Governance

**Module 02 Basic Concepts and Definitions :**

1. Utility, commodity, services, consumption, production, income, wealth and equilibrium
2. Difference between economic and non - economic goods, economic and non – economic wants
3. Significance of resources and their scarcity

**Module 03 Demand and Supply :**

1. Law of Demand and Supply

2. Elasticity of Demand – Price, Income and Cross Elasticity of Demand
3. Law of Diminishing Marginal Utility
4. Law of Equity - Marginal Utility
5. Indifference Curve Analysis – Consumer Surplus

**Module 04 Theory of Production and Cost :**

1. Factors of Production - Land, Labour, Capital and Organisation
2. Production Function - Law of Variable Proportions and Returns to Scale
3. Economies and Diseconomies of Scale – Internal and External
4. Concepts of Cost - Money vs. Real Cost, Explicit and Implicit Cost, Fixed and Variable Cost, Private and Social Cost, Opportunity Cost, Total Cost, Average Cost and Marginal Cost

**Module 05 Market Structure and Price Determination :**

1. Classification of Market - Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly and Duopoly
2. An overview of Price Determination in different market structures
3. Understanding about Cartel, Trust, Company, Merger and Amalgamation

**Module 06 Factor Pricing :**

1. Functional and Personal Distribution of Income
2. Marginal Productivity Theory of Distribution
3. An overview of theories of Determination of Rent, Wages, Interest and Profit

**Recommended Readings :**


1. Samualson, Paul and Nordhaus, *Economics*, Tata McGraw Hill Publishing Company Ltd., New Delhi, 2007.
2. Ahuja, H. L., *Advanced Economic Theory: Micro Economic Analysis*, S. Chand and Company Ltd., New Delhi, 2007.
3. Chopra, P. N., *Principles of Economics*, Kalyani Publishers, Ludhiyana, 2006.
4. Seth, M. L., *Principles of Economics*, Lakshmi Narain Agarwal Educational Publishers, Agra, 2001.
5. Bhutani, P. J., *Principles of Economics*, Taxmann Publication, New Delhi, 2000.
6. Agarwala, S. K., *Economic Systems and Micro Economic Theory*, Galgotia Publishing Company, New Delhi, 1997.
7. Sivagnanam, K. Jothi and Srinivasan R., *Business Economics*, Tata McGraw Hill Education Private Ltd., New Delhi, 2010.
8. Dwivedi, D. N., *Managerial Economics*, Vikas Publishing House Pvt. Ltd., New Delhi, 2002.
9. Reddy, Raghunatha R. and Chary Narasimha M. V., *Managerial Economics and Financial Analysis*, Scitech Publications (India) Pvt. Ltd., Chennai and Hyderabad, 2005.


## BA 0104 General Principles of Sociology :

**Objectives of the Course :** Sociology is a significant area to study and observe the various ethical, moral and cultural standards and the significant role played by social institutions in

regulating the behavioral patterns of individuals in every society. Law also contemplates the same in a different perspective, this introductory course is intended to acquaint the students with sociology as a social science and the distinctiveness of its approach among the social science. It is organized in such a way that to give an idea to the students of law the Significance of sociology in the society and its impact and relationship on law and the importance of social aspects in law making.

**Module 01 Introduction :**

1. Origin and Development of Sociology
2. Meaning and Definition of Sociology
3. Scope and Concept of Sociology – significance of sociology
4. Relationship of sociology with other Sciences - Economics - Politics - Law - Psychology - Science and Technology

**Module 02 Basic Concepts of Sociology :**

1. Values - Ethics and Norms
2. Social and social system-Community - Individual-Culture
3. Institutions - Family - Marriage - Kinship - Religion - Education - Polity

**Module 03 Social Anthropology :**

1. Meaning and scope of social anthropology
2. Relationship between sociology and social anthropology
3. Development of social anthropology
4. Social differentiation
5. Differences between societies

**Module 04 Social Processes :**

1. Socialization: Process, Stages, Agencies
2. Social Mobility: Meaning, Forms, Factors
3. Social Control: Forms, Agencies

**Module 05 Social Stratification :**

1. Meaning - Forms and Theories
2. Nature of Social Classes - Family - Class - Endogamy
3. Social Stratification - Functions and dysfunctions of Social Stratification

**Module 06 Relationship between Sociology and Law :**

1. Law as an Instrument of social Change
2. Role of Social movements and its impact on law
3. Religious and Cultural aspects and their significance in Law
4. Family and its importance in Social Legislations

**Recommended Readings :**


1. Ishwar Bhatt: 2009, *Law and Social Transformation*, Easter Book Company.
2. Bottomore, T.B. 1972. : *Sociology : A guide to Problems and literature*, Blackie and Son (India). Ltd.
3. Harlambos, M. 1998. : *Sociology : Themes and Perspectives*, New Delhi: Oxford University Press.

**BA 0203 Macro Economics, Policies and Practice :**

**Objectives of the Course :** The objectives of the course are : (1) To understand the basic concepts of Macro Economics; (2) To study the behaviour of the economy; (3) To know the macroeconomic policies to solve economic problems.

**Module 01 Introduction to Macro Economics :**

1. Meaning and Definition of Macro Economics
2. Scope and Importance of Macro Economics
3. Interdependence between Micro economics and Macro economics
4. Meaning and relation between economic variables – aggregate demand, aggregate supply, general price level, level of output, full employment, unemployment, saving, investment, income, consumption, rate of interest, etc.

**Module 02 National Income :**

1. Meaning and Definition of National Income
2. Concepts related to National Income – GDP, GNP, NNP, Personal Income, Disposable Income, Per Capita Income, etc.
3. An overview of measurement methods of National income
4. GDP as a measure of welfare
5. Green Accounting concept
6. Union Budget – Deficit Finance

**Module 03 Business Cycle and Inflation :**

1. Meaning of Business Cycle, Inflation, Deflation, Stagflation, Demand pull and Cost push inflation, multiplier, accelerator, etc.
2. Phases of business cycle – prosperity, recession, depression and recovery
3. Policies for control of business cycle – monetary and fiscal policy

**Module 04 Output and Employment :**

1. Classical theory of employment
2. Keynesian theory of employment

**Module 05 Economic Growth :**

1. Concept of economic growth
2. Growth vs. Development
3. Indicators of economic growth
4. Economic growth in India
5. Problem of poverty and unemployment
6. Government policies for combating poverty and unemployment

**Module 06 International Trade :**

1. Meaning and definition of International Trade
2. Domestic trade vs. foreign trade
3. Advantageous and disadvantageous of international trade
4. Concept of Terms of Trade, Balance of Trade and Balance of Payments
5. Foreign Trade Policy

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**Recommended Readings :**


1. Dwivedi, D. N., *Macro Economics*, Tata McGraw Hill Publishing Company Limited, New Delhi, 2006.
2. Ahuja, H. L., *Macroeconomics Theory and Practice*, S. Chand and Company Ltd., New Delhi, 2008.
3. Dornbusch R., Fischer S. and Startz R., *Macroeconomics*, Tata McGraw-Hill Publishing Company Limited, New Delhi, 2002.
4. Shapiro, Edward, *Macro Economic Analysis*, Galgotia Publications Private Limited, New Delhi, 2007.
5. Rana, K. C. and Verma K. N., *Macro Economic Analysis*, Vishal Publishing Company, Jalandhar, 2006.
6. Samuelson, P. A. and Nordhaus, W. D., *Economics*, Tata McGraw Hill Publishing Company Limited, New Delhi, 2002.
7. Jhingan, M. L., *Macro Economic Theory*, Vrinda Publications (P) Ltd, New Delhi, 2010.
8. Dwivedi, D. N., *International Economics*, Vikas Publishing House Pvt Ltd, Noida, 2013.


**BA 0204 Theoretical Perspectives of Sociology :**

**Objectives of the Course :** This course is intended to familiarize the students with the social, political, economic and intellectual contexts in which sociology emerged as a distinctive discipline and has had a significant influence on the legislative frame work law. Its objective is to help students gain an understanding of some of the classical contributions in sociology, and their continuing relevance to its contemporary concerns.

**Module 01 Introduction :**

1. Significance and Importance of Theory
2. Enlightenment - The social, economic and political forces
3. The French and Industrial Revolutions in the development of sociological thought
4. Indian Movements and their contribution for the development of sociology in India

**Module 02 Schools of Sociological Theory and Content of Theories - an Overview :**

1. Significance of Theories and their relationship to Law
2. Schools of sociological theories - Functionalism, Conflict School, Social Action Perspective

**Module 03 Significant Western Sociological Thinkers :**

1. August Comte - Positivism - Impact of Science on Society
2. Herbert Spencer - Social Darwinism; Super - organic evolution
3. Emile Durkheim - Social solidarity - Social Structure and Individuals actions -social relations
4. Karl Marx - Dialectic and Historical Materialism - Class and Class Conflict - Importance of Labour in Production
5. Max Weber - Power - Authority and Legitimacy and the concept of Ideal

Type - connection between culture and economy

**Module 04** **Significant Indian Sociological Thinkers :**

1. Andre Beteille - Religion and Secularism - Caste - Class - Links between Poverty and inequality - Role of Institutions
2. M.N. Srinivas - Caste and Caste Systems - Social Stratification
3. Gail Omvedt - anti-caste movements - environmental movements - farmer's and women's movements
4. Ashish Nandey - Culture of Knowledge - Psychology of violence

**Module 05** **Social Dominance Theory :**

1. Psychology of Dominance - Circulation of Oppression - Oppression and cooperation
2. Theoretical and practical issues of Psychological Dominance in Indian Context

**Recommended Readings :**


1. Aron, Ramond. 1967 (1982 reprint). *Main Currents in Sociological Thoughts* (2 volumes). Harmondsworth, Middlesex : Penguin Books.
2. Barnes, H.E. 1959. *Introduction to the history to the sociology*. Chicago The University of Chicago press.
3. Coser, Lewis A. 1979. *Masters of Sociological Thought.* New York : Harcourt Brance Jovanovich.
4. Fletcher, Ronald. 1994. *The Making of Sociology* (2 volumes) Jaipur, Rawat.
5. Morrison, Ken.1995 *Marx, Durkheim, Weber: Formation of Modern Social Thought*. London; sage.
6. Ritzer, George. 1996. *Sociological Theory*. New Delhi. Tata-McGraw Hill.
7. Singh, Yogendra. 1986 *Indian Sociology: Social Conditioning and Emerging Trends*. New Delhi : Vistaar.
8. Zeitlin, Irving.1998 (Indian Edition). *Re-thinking sociology : A critique of Contemporary Theory.* Jiapur: Rawat.
9. Paramjit S Judge : *Foundations of Classical Sociological Theory*, 2012, New Delhi Pearson.


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3. Controversy over land acquisition for Industry
4. Issues of Industrial Labour and Labour Legislation
5. Capital – Sources of Domestic Capital and Foreign Capital

**Module 05 Other Areas of Indian Economy :**

1. Inflation – Trends in Prices and Money Supply
2. Black Money and Corruption – Reasons and Measures
3. Food Security – Problem of Hunger and Malnutrition – PDS
4. Issue of Employment – Skill Development, Make in India Programme
5. Issue of Special Economic Zones
6. Trends in Revenue and Expenditure of Central and State Government

**Recommended Readings :**


1. Agarwal A. N., *Indian Economy: Problems of Development and Planning*, New Age International Publishers, New Delhi, 2015.
2. Dutt R. and K. P. M. Sundharam, *Indian Economy*, S. Chand and Company Limited, New Delhi, 2016.
3. Jhingan, M. L., *The Economics of Development and Planning*, Vrinda Publication Private Limited, New Delhi, 2010.
4. Prakash, B. A., *The Indian Economy Since 1991 Economic Reforms and Performance*, Pearson Publication, Delhi, 2008.


**BA 0304 Society in India :**

**Objectives of the Course :** This course aims to make students understand the plural Indian society. Indian society has regional; religious and linguistic diversity. Social stratification in India is also different from remaining world. To understand the process of social change, social movements and Act and Law; it is essential to know social structure in Indian society. The continuity between the present and the past is an evident feature of Indian society. The sociological perspective on Indian society will help students to gain a better understanding of their own society and the continuity and change in Indian society.

**Module 01 Indian Social Structure – India as Plural Society:**

1. Religious diversity - Hinduism, Islam, Buddhism and Christianity
2. Primitive Tribes and Nomadic tribes in India
3. Linguistic and regional diversity

**Module 02 Social Stratification and Social Institutions :**

1. Social stratification- Caste, class, tribe and gender
2. Social Institutions - Family, Kinship, and Marriage

**Module 03 Social Movements in pre and post-Independent India :**

1. Dalit movement, Linguistic movements and Tribal movements
2. Peasant movement, Women's movement, Student's movements and Environment movements

**Module 04 Segments of India Society and its Characteristics :**

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liquidated and unliquidated
- Causation
- Contemplation and Remoteness
- Duty of mitigation
- Assessment

b) Claim for the agreed sum: viz. suit for price, return of loan amount

c) Claim in *quantum meruit*

2. Remedies of Specific Relief through court or arbitration under SRA :

a) Specific performance :
- Cases in which it can and cannot be granted- Sections 10 and 14 of SRA
- Personal bars to relief - Section 16 of SRA
- Discretionary relief - Section 20 of SRA
- Who can claim specific performance - Section 15 of SRA
- Against whom can specific performance be claimed - Section 19 of SRA
- Claim for compensation and other reliefs in a suit for specific performance - Sections 21–24, 29 of SRA
- Defences in suits of specific performance - Section 9 of SRA
- Rescission of a contract of which specific performance has been decreed - Section 28 of SRA

b) Injunctions in suits relating to contract :
- Discretionary relief - Section 36 of SRA
- Kinds - Temporary and perpetual, prohibitory and mandatory: Section 36-37, 39 of SRA
- When can injunction be granted? - Section 38(1) and (2) of the SRA
- When will injunction not be granted? - Section 41 clauses (a), (b), (e), (g), (i), (j) of SRA
- Injunction to enforce negative covenants - Section 42 of SRA
- Claim for compensation in a suit for injunction. - Section 40 of SRA

c) Rescission - Sections 27, 30 of SRA

d) Rectification of instruments - Section 26 of SRA

e) Cancellation of instruments - Sections 31, 33 of SRA

**Recommended Readings :**


1. Avtar Singh, *Law of Contract and Specific Relief*, 12th ed, 2017, Eastern Book Company.
2. V Kesava Rao, *Contract I: Cases and Materials*, 2nd ed, 2014, LexisNexis.
3. Ritu Gupta, *Law of Contract – includes the Specific Relief Act 1963*, 2015, LexisNexis.
4. Mulla, *The Indian Contract Act*, Anirudh Wadhwa ed., 15th ed., 2015, LexisNexis.
5. M. Krishnan Nair, *Law of Contracts*, 1998.
6. Garima Tiwari, *Understanding Laws – Contracts*, 2014, LexisNexis.
7. Anson's *Law of Contract*, Beatsen and Burrows ed. 29th ed., 2010, Oxford University Press.
8. G.H. Treitel, *Outline of Law of Contract*, 6th rev ed, 2005, Oxford University Press.
9. Atiyah's *Introduction to the Law of Contract*, Stephen Smith ed., 2nd ed, 1997, Oxford University Press.

2. Principles of *mala in se*, *mala prohibita*, Joint liability, Vicarious liability, Strict liability and Absolute liability
3. Stages in Commission of Crime, Intention - mere intention not punishable, Preparation, Attempt -Attempt when punishable, specific provisions of IPC, Tests for determining what constitute attempt, proximity, equivocality and social danger test, Impossible attempt, Commission of offence

**Module 03 Introduction to Substantive Criminal Law :**

1. Jurisdiction under Indian Penal Code, 1960
2. General Explanations - Movable Property, Wrongful Loss and Wrongful gain, Dishonestly, Fraudulently, Common Intention, Common Object, Voluntarily, Good faith, Criminal Conspiracy

**Module 04 General Defenses :**

1. Excusable: (Mental Incapacity) Minority (Infancy), Involuntary Intoxication and Insanity as a Defense
2. Justifiable: Necessity, Mistake of Fact, Acts done with Consent, Accident, Judicial acts, Triviality
3. Right of Private Defense of Body and Property - Justifications and Limits

**Module 05 Offences against State, Public Tranquility, Administration of Justice, Etc. :**

1. Meaning of Abetment, Abetment when punishable? Liability of Abettor, Abetment of offence punishable with death or imprisonment for life
2. Waging war, Sedition, Conspiracy to Waging war
3. Unlawful Assembly, Rioting, Affray, Promoting enmity between different groups, Imputations/assertions prejudicial to national integration

**Module 06 Offences against Human Body :**

1. Culpable Homicide, Murder, Ingredients, Exceptions and Distinction between Culpable Homicide and Murder, when culpable homicide is murder?
2. Attempt to commit Culpable Homicide, Attempt to Murder
3. Causing Death by Negligence, Causing Death with the consent of the deceased – Euthanasia and its Constitutionality
4. Suicide – abetment and attempt, its Constitutional validity
5. Hurt, Voluntarily causing hurt, etc.; Grievous Hurt, Voluntarily causing grievous hurt, etc., Wrongful Restraint, Wrongful Confinement
6. Criminal Force, Assault, Kidnapping and Abduction, distinction between them

**Module 07 Offences relating to Woman :**

1. Cruelty against Woman, Dowry death, Causing Miscarriage, Acid Attack
2. Outraging Modesty of woman, Sexual Harassment, Voyeurism, Stalking
3. Rape – its ingredients, developments in Rape law along with relevant judicial decisions, Unnatural offences
4. Deceitful Cohabitation, Bigamy, Mock Marriages, Adultery

**Module 08 Offences against Property and Person, Etc. :**

1. Theft, Extortion, Robbery and Dacoity, distinction between them, forms of Robbery and Dacoity

**Module 02** **Health and Constitutional Protections :**

1. Fundamental Rights - Right to Health, Right to Decent Environment, Right to Shelter, Reproductive Rights of Women
2. Directive Principles of State Policy and Health

**Module 03** **Health and Legal Protection - Relevant Provisions under following Laws :**

1. The Pre-natal Diagnostic Techniques (Regulation and Prevention of Misuse) Act, 1994
2. The Factories Act, 1948
3. Law on Mental Health
4. The Maternity Benefit Act, 1961
5. The Infant Milk Substitutes, Feeding Bottles and Infant Foods Act, 1992
6. The Transplantation of Human Organs Act, 1994
7. The Indian Penal Code, 1860 - Chapter XIV (Sections 269 to 278)

**Module 04** **Right to Food and Nutrition in India :**

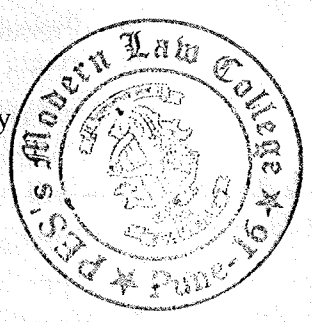
1. Fundamental Rights - Right to Food and Nutrition
2. Directive Principle of State Policy on Food and Nutrition
3. Human Rights Perspectives of Food and Nutrition - an Overview

**Module 05** **The Food Safety and Standards Act, 2006 :**

1. Need, Objects and Basic Concepts
2. Food Safety and Standards Authority of India
3. General Principles of Food Safety
4. General Provisions as to Articles of Food
5. Provisions Relating to Import
6. Enforcement of the Act
7. Analysis of Food
8. Offences and Penalties
9. Adjudication and Food Safety Appellate Tribunal

**Module 06** **The National Food Security Act, 2013 :**

1. Need, Objects and Basic Concepts
2. Provisions for Food Security and Food Security Allowance
3. Identification of Eligible Households
4. Reforms in Targeted Public Distribution System.
5. Women Empowerment
6. Grievance Redressal Mechanism
7. Obligations of Central Government for Food Security
8. Obligations of State Government for Food Security
9. Obligations of Local Authorities
10. Transparency and Accountability
11. Provisions for Advancing Food Security

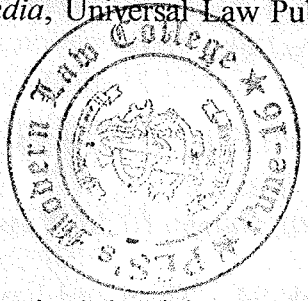



**Recommended Readings :**

1. R.K. Nayak (ed.), The Indian Law Institute, *Global Health Law*, (1998), World Health Organization, Regional Office for South East Asia, New Delhi.

**Recommended Readings :**


1. Justice R.P. Sethi, *Commentary on Arbitration and Conciliation Act as Amended in 2016*, 2nd Edition, Wytes and Co., 2016.
2. Madhusudan Saharay, *Textbook on Arbitration & Conciliation with Alternative Dispute Resolution,* 4th ed, Universal Law Publishing, 2017.
3. N V Paranjpe, *Law Relating to Arbitration and Conciliation in India*, 7th ed, Central Law Agency, 2016.
4. Avtar Singh, *Law of Arbitration and Conciliation*, 10th ed,, Lucknow, 2013.
5. Mallika Taly, *Introduction to Arbitration*, Eastern Book Company, 2015.
6. Vishnu Warrier, *Arbitration, Conciliation and Mediation*, LexisNexis, 2015.
7. K V Satyanarayana, *Law of Arbitration and Conciliation in India*, Asia Law House, 2017.
8. Anirban Chakraborty, *Law and Practice of Alternative Dispute Resolution in India – a Detailed Analysis,* LexisNexis, 2016.
9. Ashwini Kumar Bansal, *Arbitration and ADR*, 5th ed, Universal Law Publication, 2016.
10. Shriram Panchu, *Mediation Practice and Law - The Path to Successful Dispute Resolution*, 2nd ed, LexisNexis, 2015.
11. Anuroom Omkar and Kritika Krishnamurthy, *The Art of Negotiation and Mediation*, LexisNexis, 2015.
12. P C Rao and William Sheffield, ed, *Alternative Disputes Resolution- What it is and How it Works?* Universal Law Publishing, New Delhi, 2015.
13. S B Malik, *Commentary on the Arbitration and Conciliation Act*, 6th ed, Universal Law Publishing, 2013.
14. N D Basu, *Law of Arbitration and Conciliation*, 13th ed, Orient, 2016.
15. U Pattabhi Ramian, *Arbitration & ADR Including Conciliation, Mediation & Negotiation*, Asia Law House, 2011.
16. R S Bachawat, *The Law of Arbitration and Conciliation*, 5th ed, LexisNexis, 2013.
17. P C Markanda, *Law Relating to Arbitration and Conciliation*, 9th edn, LexisNexis, 2016.
18. O P Malhothra, *The Law and Practice of Arbitration and Conciliation*, 2nd edn, LexisNexis Butterworths, 2006.
19. N D Basu, *Law of Arbitration and Conciliation*, P K Majumdar (ed), Orient, 2016.
20. G K Kwatra, *The Arbitration and Conciliation Law of India*, Universal Law Publishing, New Delhi, 2008.

**Optional Subject 4 (Any one from the following) :**

**LO 0805 Human Rights Law and Practice :**

**Objectives of the Course :** The National Legal Systems recognized the rights of individuals from ancient periods and extended protection through various legal regulations. However, they could not provide an effective remedy for breaches outside the state and state violations. This scenario and other developments in the beginning of 20th century led the nation-states to bring the aspects of individual's rights under the purview of international law and appropriately titled them as Human Rights with the adoption of Charter of UN in 1945. In pursuance of the

directions of the preamble and other provisions of Charter, a plethora of international instruments have been agreed upon by the States Parties to Protect and promote the Human Rights of Individuals both at international and domestic levels. In view of the gaining significance of International Law of Human Rights, this course presents subtly an overview of the International and Domestic perspectives of Human Rights along with the redressal mechanism.

**Module 01** **Introduction :**

1. Historical origins of Human Rights in International and National Scenario - Nature and an overview
2. Basic Components of Human rights – Value, Dignity, Equality, Justice, Morals and Ethics and Significance
3. Perspectives on Rights and Duties – Relationship between Rights and Duties
4. Provisions under the Charter of UN – Preamble, Articles 1(3), 13(1)(b), 55 and 56
5. International Bill of Human Rights (UDHR, ICCPR, ICESCR) - Nature and significance
6. Introduction to generation of Human Rights

**Module 02** **First Generation Human Rights :**

The Civil and Political Rights – ICCPR, Part III of the Constitution of India and Landmark Cases :

1. Civil Rights: Freedom of Opinion - Freedom of Expression and Press, Right to Personal Security in relation to justice and police, Equality before Law, Right to Life and Liberty, Right to Privacy, Right to Religion
2. Political Rights: Equal access to Public, Participation in Governance, Right to Vote and Good Governance

**Module 03** **Second Generation Human Rights :**

The Economic, Social and Cultural Rights : ICESCR, Part IV of the Constitution of India and Landmark Cases :

1. Economic and Social Rights: Labour Rights, Right to Property, Right to Education, Freedom of Association, Right to Social Security (Pension, Medical Services - Right to insurance for sickness, old age – Unemployment allowance etc.)
2. Cultural Rights: Right to develop Languages, Right to follow Customs, Folkways, Literature, and Traditions, Right to enjoy Scientific and Technological benefits

**Module 04** **Third and Fourth Generation Human Rights :**

1. Group Rights (Third Generation Rights) : Right to Development, Right to Self-determination, Right to Peace and Happiness, Right to Safe and Decent Environment, Right to Human Assistance, Right to Adequate Food, Right to water - Landmark Cases
2. Right to Genetic Engineering (Fourth Generation Rights) : Right to Protect

**Recommended Reading:**


1. V. K. Ahuja, *Public International Law*, LexisNexis, Noida, 2016.
2. Gurdip Singh, *International Law*, Eastern book company, Lucknow, 2016.
3. Editors, Eibe Riedgal, Gilles Giacca, Christophe Golay, *Economic social and Cultural Rights in International Law,* Oxford University Press, 2014
4. Walter Kailin and JorgKunzli, *The Law of International Human Rights Protection*, Oxford University Press, New York, 2010.
5. Peter N. Strarms, *Human Rights in World History*, Routledge, New York, 2010.
6. De Schutter, *International Human Rights Law*, Cases, Materials Commentary, Cambridge University Press, New Delhi, 2010.
7. V.R. Krishna Iyer, *The Dialectics and Dynamics of Human Rights in India - Yesterday, Today and Tomorrow,* Eastern Law House, New Delhi.
8. Manoj Kumar Sinha, *Implementation of Basic Human Rights*, LexisNexis.
9. Editors, Ian Brownlie and Guy S. Goodwin-Gill, *Basic Documents on Human Rights*, Oxford University Press.


## LO 0806 Competition Law :

**Objectives of the Course :** There is aggressive competition in today's market. New start-ups and entrepreneurs are emerging almost every day. With opening of Indian markets in almost all sectors, the study of Competition law becomes inevitable. It is a rapidly growing area of law, which reflects the free market economy and increasing world globalization. The course aims to give an overview on the basics of Competition Law in India through a comparison of the main jurisdictions (especially USA, UK and EU) and thus provide a solid background for further studies on this subject. The course will examine and compare the application of competition law to business agreements, the exercise of dominant position, the combinations between the firms and sellers and the enforcement mechanisms.

**Module 01 Introduction :**

1. Basic Concepts : Customer and Consumer, Market, Types of Market – Perfect Market, Monopoly, Oligopoly and Monopsony
2. Rationale behind Competition Law
3. Constitutional aspect of Competition Law with respect to Human Rights and Social Justice (Article 39 (b) and (c) of the Constitution of India)
4. Relation between Competition Policy and Competition Law
5. Objectives of Competition Law
6. Economic analysis of Competition Law

**Module 02 Historical Development of Competition Law :**

1. History and Development of Competition Law / Antitrust Law
2. Development of Competition Laws in USA, UK and EU
3. Sachar Committee Report, Raghavan Committee Report
4. Salient Features of the MRTP Act, 1969

5. The Competition Act, 2002 vis a vis the MRTP Act, 1969
6. The Competition Act, 2002 – Objectives and Salient Features
7. Important Definitions under the Competition Act, 2002
8. Brief overview of Competition Law in USA, UK and EU

**Module 03** **Anti-Competitive Agreements :**

1. Anti- Competitive Agreements : Meaning and Scope
2. Types of Anti-competitive agreements - Horizontal and Vertical agreement
3. Per se Illegal Practices and Rule of Reason
4. Exemption from anti-competitive agreements
5. Prohibition of anti-competitive agreement / cartel / bid rigging
6. Practices, decisions and agreements resulting into cartels
7. Pro-competitive and anti-competitive effects of joint ventures
8. Pro-competitive and anti-competitive effects of vertical agreements
9. Prevention of anti-competitive agreements in USA, UK and EU

**Module 04** **Regulation of Abuse of Dominant Position :**

1. Economics of abuse of dominance
2. Types of Abuse by a Dominant Player : Exploitative Abuses : Vertical restraints and Excessive pricing: Exclusionary Abuses - Price discrimination, discounts and predation Enterprise
3. Relevant Market
4. Dominance in Relevant Market
5. Relevance of sector specific competitive dynamics on dominant position
6. Predatory Pricing
7. Defenses against abuse of dominance
8. The remedies in case of abuse of dominance
9. Prevention of Abuse of Dominant Position in UK and USA

**Module 05** **Regulation of Combinations :**

1. Combinations : Merger, Acquisition, Amalgamation and Takeover
2. Jurisprudence of Horizontal, Vertical and Conglomerate Mergers
3. Private Equity Investments
4. Notification of combinations
5. Jurisdictional test : Turn over, Asset, Domestic nexus, Exemptions
6. Regulations and Penalties
7. Position in USA, UK and EU

**Module 06** **Enforcement Mechanisms :**

1. Establishment and Constitution of Competition Commission of India, Powers and Functions
2. Jurisdiction of the CCI
3. Director General of Investigation (DGI) - Penalties and Enforcement
4. Competition Appellate Tribunal
5. Adjudication and appeals
6. Competition Advocacy in India and International Perspective

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4. Criminal law as a tool of social change

**Module 02** **The Protection of Civil Rights Act, 1955 :**

1. Social menace of Untouchability
2. Legislative history, objectives, definitions and scope of the Act
3. Practices of Untouchability and Punishments
4. Presumption of courts in some cases
5. Power of court to impose collective fine
6. Non application of Probation of offenders Act

**Module 03** **The Scheduled Caste and Scheduled Tribes (Prevention of Atrocities) Act, 1989 :**

1. Legislative history, objectives, definitions and scope of the Act
2. Defining Atrocity against Scheduled Caste and Scheduled Tribes
3. Offences of Atrocities and punishments
4. Externment procedure
5. Collective Fine
6. Special Courts and Special Prosecutor
7. Presumption by courts in certain cases
8. Precautionary and Preventive measures under the Rules of 1995
9. Non application Anticipatory Bail and Probation of Offenders Act
10. Investigation and supervision
11. Personnel under the Act and their duties

**Module 04** **The Dowry Prohibition Act, 1961 :**

1. Dowry a social menace
2. Legislative history, objectives, definitions and scope of the Act
3. Definition of Dowry
4. Penalty for giving and taking dowry
5. Dowry for benefit of wife or her heirs
6. Change in procedural law and Evidence Law
7. Dowry Prohibition officers

**Module 05** **The Protection of Children from Sexual Offences (POCSO) Act, 2012 :**

1. Legislative history, Objective, definitions and Scope of the Act
2. Sexual offences against children
3. Using child for pornographic purpose
4. Abetment of an attempt to commit an offence
5. Procedure for reporting of cases
6. Procedure for recording statement of the child
7. Special courts: Procedure and powers of special courts and recording of evidence
8. Punishments under the Act

**Module 06** **The Immoral Traffic (Prevention) Act, 1956 :**

1. Legislative history, Object, definitions and reasons of the Act
2. Social Landscape of Prostitution
3. Prostitute – Vaguely defined under the Act

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6. Mandatory and directory provisions
7. Conjunctive and disjunctive words 'or' and 'and'
8. Construction of general words - *Noscitur a Socis*
9. Rule of *ejusdem generis*
10. Words of rank
11. *Reddendo Singula Singulis*

**Module 04 Internal Aids to Construction :**

1. Preamble
2. Definition
3. Sections
4. Heading
5. Marginal notes
6. Punctuation marks
7. Illustrations
8. Proviso
9. Explanation
10. Schedule

**Module 05 External Aids to Construction :**

1. Parliamentary history
2. Debates and Proceedings of the Legislature
3. Historical facts and surrounding circumstances
4. Social economic and political developments
5. Reference to other statutes
6. *Contemporanea exposition*
7. Other external aids - codifying and consolidating statutes
8. International Conventions
9. Committee Reports

**Module 06 Interpretation of Statutes affecting Jurisdiction of Courts :**

1. General principles
2. The extent of exclusion
3. Exclusion of jurisdiction of superior Courts

**Module 07 Construction of Penal and Taxing Statutes :**

1. Rule of strict construction of taxing statutes
2. General principles of strict construction
3. Limits of rule of strict construction
4. *Mens rea* in statutory offences and Indian Penal Code
5. Vicarious liability in statutory offences

**Module 08 Construction of Remedial Statutes :**

1. Distinction between remedial and penal statutes
2. Liberal construction of remedial statutes

**Module 09 Commencement and Operation of Statutes :**

1. Commencement of statute
2. Retrospective operation of statute

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opportunities to the students to understand the activist role played by Indian Judiciary in protection of environment and evolution of different principles such as polluter pay principle, precautionary principle, inter-generational equity and sustainable development. At the end of this course the students would be familiar with the overall environmental legal regime of the country as well as its international obligations. This course would equip the students with basic knowledge and skills to understand Environmental Law issues.

**Module 01 Introduction :**

1. Historical origin of Environment Law, International and Indian Jurisprudence
2. Components of Environment, Ecology, Ecosphere and Biosphere
3. Protection of Environment in Ancient India and during British period
4. Meaning and definition of Environment, Environmental Pollution, Its kinds (Natural and artificial – Air, Water, Noise, Soil), causes and effects.
5. Nature of Environmental Law - Public law or private law
6. Common law aspects of environmental law - Nuisance, Trespass, Negligence, Absolute and Strict liability.
7. Criminal Liability and Environment Protection - Offences affecting public health and safety under Indian Penal Code, 1860 and Section 133 of Cr. P.C.

**Module 02 Environment Protection under the Constitution of India :**

1. Fundamental Rights, Directive Principles of State Policies, Fundamental Duties, Implementation of International obligations
2. Distribution of Legislative Powers
3. Remedies - Writ Jurisdiction of High Court and Supreme Court
4. Public Interest Litigation and Environment Protection - Role of Indian Judiciary

**Module 03 Principles of International Environmental Law - Relevance in India :**

1. Stockholm Conference, 1972, Rio Summit or Earth Summit-I, 1992 - Impact in India
2. UNEP, Convention on Climate Change, Convention on Biological Diversity, Earth Summit - II, 1997 - Impact in India
3. World Summit on Sustainable Development, 2002, UNFCCC, 2015 - Position in India
4. Responsibility of States in Protection of Environment - Transboundary pollution and state's responsibility - Trail Smelter Arbitration
5. Significance and Protection of Ozone Layer - Global Warming - Acid Rain-Oil Spills - Gas Leak - Marine Pollution
6. Sustainable Development, Inter-generational Equity, Precautionary Principle, Polluter Pays Principle, Public Trust Doctrine - Position in India

**Module 04 Resource Management I - Legislative and Judicial Perspective :**

1. The Water Act, 1974, the Air Act, 1981, the Environment (Protection) Act 1986 - Definitions, Measures taken for protection and conservation of natural resources, Authorities, offences and penalties and important judicial decisions

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Process, Constraints, EIA Notification of 1994 and 2006
6. E-waste management

**Recommended Readings :**


1. Ritwick Dutta and Sanjeet Purohit, *Commentary on the National Green Tribunal Act, 2010*, Universal Law Publications.
2. P.S. Jaswal, *Environmental Law*, Allahabad Law Agency.
3. Majumdar, Nnandy, Mukherjee, *Environment and Wildlife Laws in India*, LexisNexis.
4. Maheshwara Swamy, *Textbook on Environmental Law*, Asia Law House, Hyderabad.
5. S. Shantakumar, *Introduction to Environmental Law*, Wadhwa & Company, Nagpur.
6. S.C. Shastri, *Environmental Law*, Eastern Book Company, Lucknow, 2005.
7. H. N. Tiwari, *Environmental Law*, Allahabad Law Agency.
8. Shyam Divan and Armin Rosencranz, *Environmental Law and Policy in India*, Oxford University Press, New Delhi.
9. P Leelakrishnan, *Environmental Law in India*, LexisNexis, New Delhi.
10. P Leelakrishnan, *Environmental Law Case Book*, LexisNexis, New Delhi.
11. Philippe Sands, *Principles of International Environmental Law*, Cambridge University Press, New York.
12. P. Ishwara Bhat, *Natural Resources Law: Concepts and Approaches*, Eastern Book.
13. P B Sahasranaman, *Handbook of Environmental Law*, Oxford University Press.


**LP 0904 Practical Training Paper III - Drafting, Pleading and Conveyance :**

**Objectives of the Course :** This course relates to essential skills required by an Advocate - the skill of drafting, conveyances and pleadings. An advocate can develop this skill by practicing purposive writing, articulation, legal research, qualities of language, its clarity and precision. The object of the course is to develop these advocacy skills amongst the students. This course will also acquaint the students the knowledge of substantive and procedural law in the context of pleadings and conveyance. This course aims to acquaint the students with basic principles as to the skill of drafting of various types of Applications, Petitions, Notices, Plaints, Written Statements, etc. The goal of the course is to help the students to understand application of substantive and procedural laws in drafting, pleading and conveyance.

**Scheme of Marking :**

Part A : University Written Examination : 80 Marks
Part B : Written Submissions (10 Marks) & Viva voce Examination (10 Marks) : 20 Marks

**Part A : Syllabus for University Written Examination :**

**Module 01 General Principles relating to Conveyance :**

1. Object of Conveyance, essentials of drafting
2. The drafting process - Know the laws, Know the transaction, Scheme of the draft

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3. Grounds of judicial review - Abuse of discretion, and Failure to exercise discretion,
4. Doctrine of legitimate expectations, Doctrine of Proportionality, Public Accountability

**Module 05 Liability for Wrongs of Government (Tortious and Contractual) :**

1. Tortious liability of government, Sovereign and Non-Sovereign Functions, act of state
2. Contractual liability of government
3. Statutory Immunity - Act of State - Liabilities Government privilege in legal proceedings – state secrets, public interest, Estoppel and waiver
4. Remedies in the form of Judicial Review and Statutory remedies, Suits for Compensation

**Module 06 Corporations and Public Undertakings:**

1. State monopoly vis-a-vis arbitrary action, Liability of public and private corporations – departmental undertakings
2. Legislative and Governmental Control over Corporations and public undertakings
3. Legal remedies, Accountability - Committee on Public Undertakings, Estimates Committee
4. Trend of disinvestment and its Consequences

**Module 07 Informal Methods of Settlement of Disputes and Grievance Redressal Procedures :**

1. Conciliation and mediation through social action groups, Use of media, lobbying and Public participation
2. The Commissions of Inquiry Act, 1952 - Public Enquiries and Commissions of Inquiry, Appointment of Commission, Matters of Inquiry, Powers of Commission, Procedure before Commission
3. Significance of the Lokpal and Lokayuktas Act, 2013, Central Vigilance Commission

**Module 08 The Right to Information Act, 2005 :**

1. Transparency and right to information – Constitutional imperative
2. Object, application definitions and Salient features of the Act
3. Right to Information and obligations of Public Authorities, Central Information Commission, State Information Commission, Powers and functions of the Information Commissions, appeal and penalties
4. Hurdles in the implementation of the Act

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**Recommended Readings:**

1. C. K. Allen, *Law and Orders* (Universal Law Publishing, 1985).
2. D.D. Basu, *Comparative Administrative Law* (1998).
3. Franks, *Report of the Committee on Administrative Tribunals and Inquiries* (HMSO, 1959).
4. Peter Cane, *An Introduction of Administrative Law* (Oxford 1996).
5. Wade, *Administrative Law*, 7th Edn, Indian Print, (Universal Law Publishing, 1997).

2. Prospectus and Kinds of Prospectus
3. Shares - Meaning and Nature
4. Kinds of Shares
5. Securities (Shares) - Allotment of securities and Share Holdings
6. Issue of shares
7. Certificate of shares
8. Shareholders and voting rights
9. Transfer of shares
10. Shareholders and Members
11. Share Capital and kinds of share capital
12. Publication of Authorized, Subscribed and paid up capital
13. Buy back of shares
14. Dividends
15. Debentures - Meaning, Kinds and Characteristics

**Module 04** **Appointment, Role and Qualification of Director and Meetings of Boards :**

1. Role, Appointment and Types of Directors
2. Board of Directors
3. Independent Directors
4. Legal Position of Directors
5. Appointment of directors and Managerial Staff
6. Powers and Duties of Directors
7. Civil and Criminal Liability of Directors
8. Inspection, Inquiry and Disqualification
9. Removal of Director
10. Types of Meetings

**Module 05** **Compromise, Reconstruction, Amalgamation and Mergers :**

1. Compromise, Arrangements and Amalgamations
2. Sanction, Duties and Powers of Tribunal
3. Power to Compromise or make arrangements with creditors and members
4. Reconstruction and Amalgamation of Company
5. Modes of reconstruction
6. Declaration and Payments of dividends in above cases
7. Fast track Mergers
8. Amalgamation of companies by Central Government in public interest

**Module 06** **Accounts of Company :**

1. Books of accounts, etc, to be kept by the Company
2. System of maintenance of accounts in Company
3. Audit and Auditors
4. Protection of Minority Share Holders
5. Prevention of Oppression and Mismanagement
6. Removal of names of companies from register of companies
7. Revival and Rehabilitation

**Module 07** **Winding up Process :**

PES's Modern Law College ★ Pune-16 ★

# Activities [cross-cutting issues]

Aca. Yr.

2016-17

# SAVITRIBAI PHULE PUNE UNIVERSITY

## NATIONAL SERVICE SCHEME




P.E. SOCIETY'S

# Modern Law College

## SPECIAL CAMP REPORT

## 2016-2017

## REPORT OF SPECIAL CAMP 2016-2017

This was the 9th year of NSS Special Camp organized by the College in association with Savitribai Phule Pune University. The camp started on 15/12/16 at the Adopted Village Karandi Kheba, Tal. Bhor Dist. Pune the Village which is adopted for 3 years.

The duration of this camp was from 15/12/2016 to 21/12/2016 as prescribed by NSS, Savitribai Phule Pune University

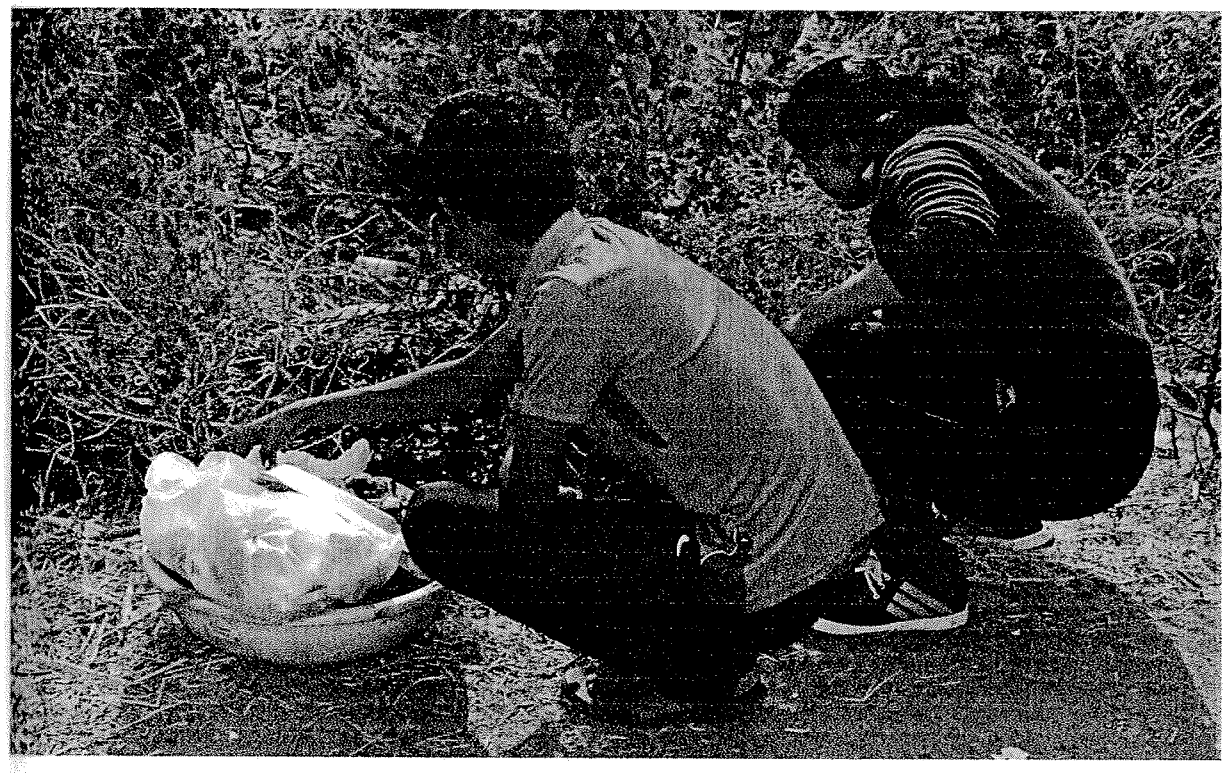
The Camp began under the guidance of College's Coordinator Adv. Chintamani Ghate, Principal Dr. Sunita Adhav, NSS Coordinator of Savitribai Phule Pune University Dr. Prabhakar Desai and Programme Officer Abhijeet Dhere as well as experienced Faculty Members and also with the help of non- teaching staff of College.

### Day I - 15/12/ 2016

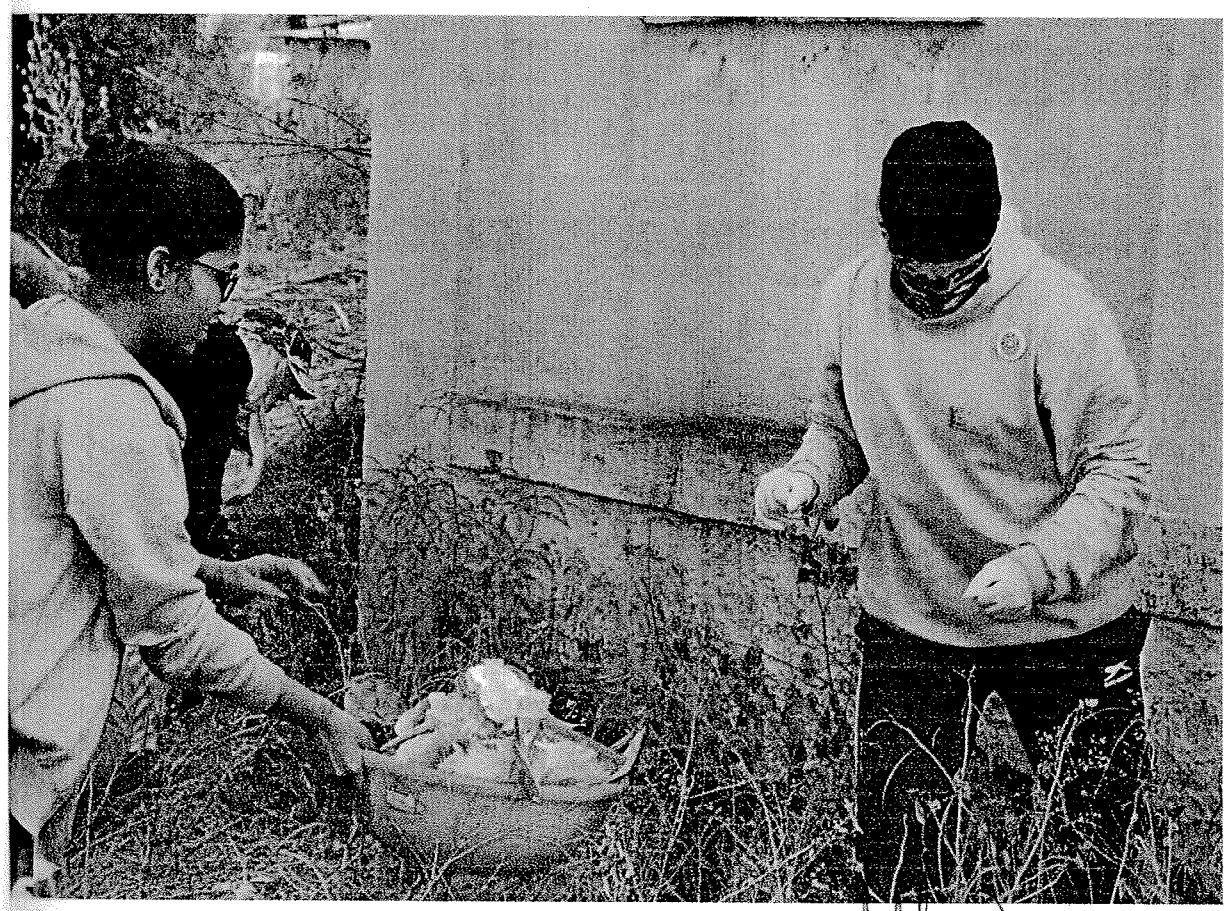
By an informal inauguration session, the camp started. This ceremony was headed by Asst. Prof. Abhijeet Dhere, Programme Officer and Mrs. Dr. Sunita Mane. The respected Head Master of Zilha Parishad, Mr. Chavan, Mr. Khutwad was also present along with other colleagues. Mr. Ankushrao Borge, Former Sarpanch of the village visited the Camp.

On the first day volunteers cleaned the surrounding area and school premises.



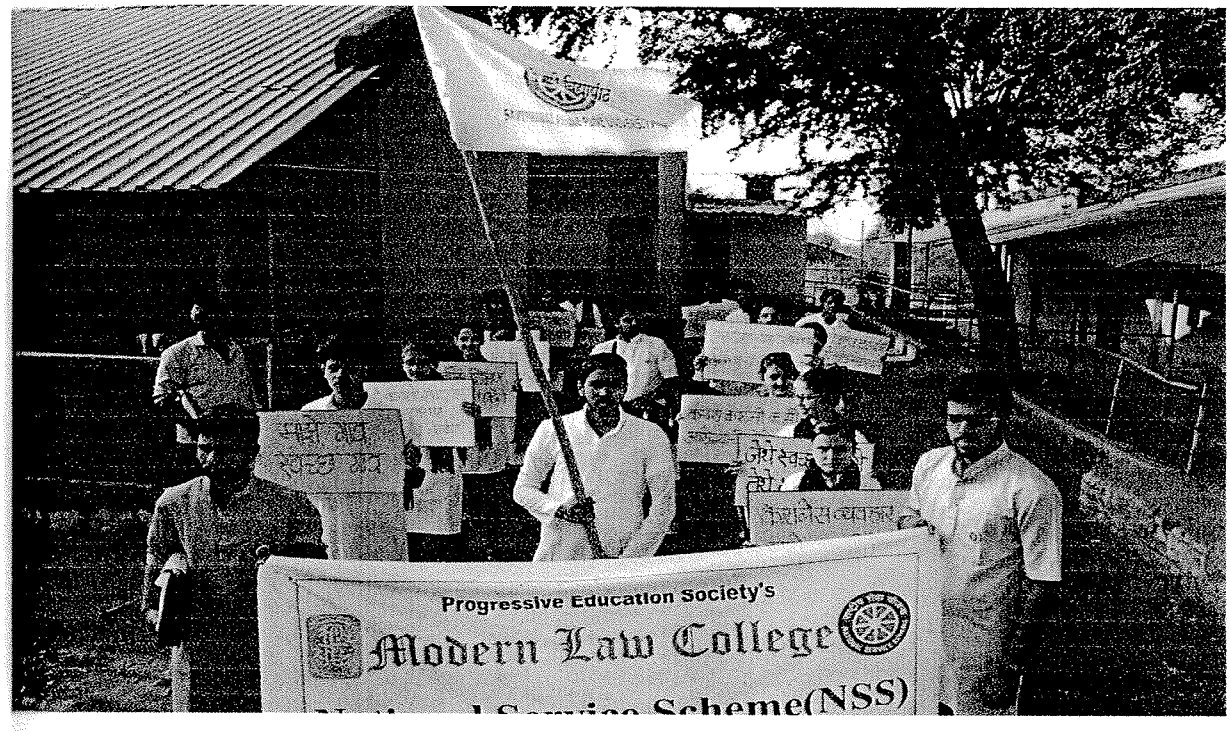


**Students Collecting the plastic around the School Premises**

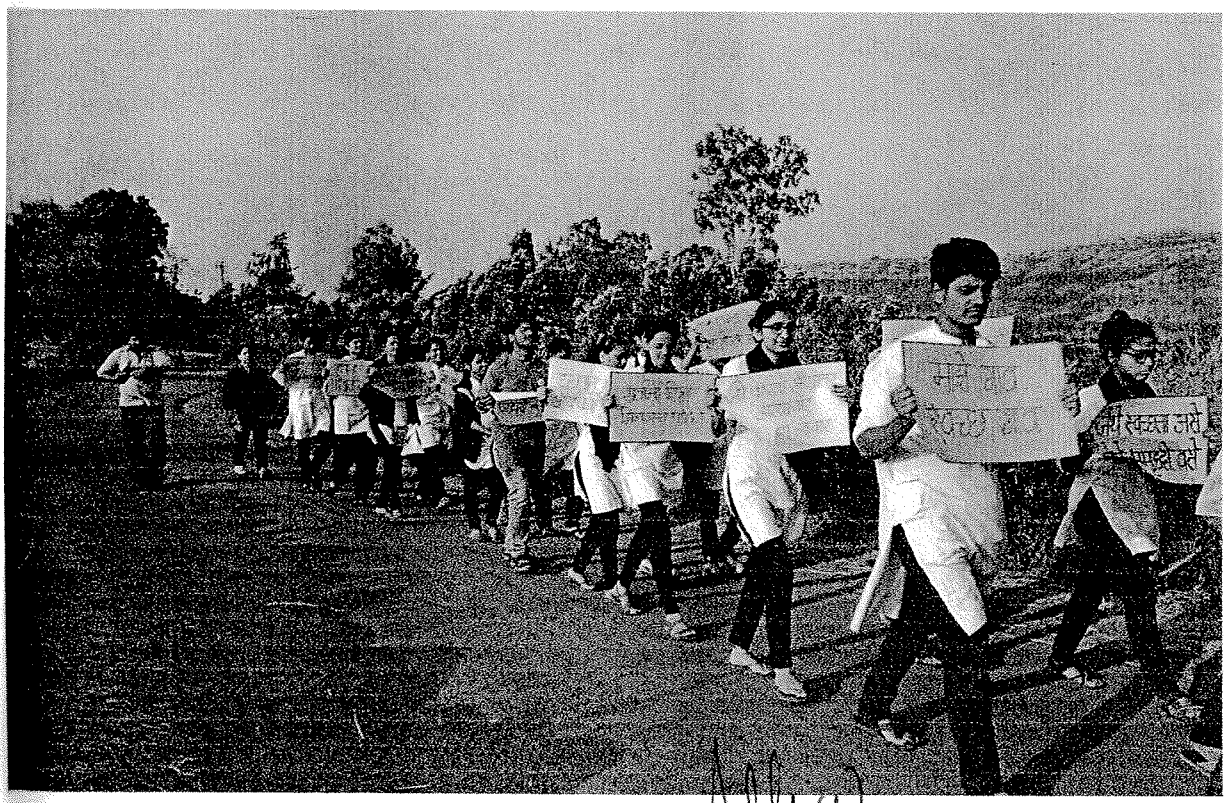


## Day II - 16/12/ 2016

On Second Day "Awareness Rally" was organized. Students prepared some posters and rallied through the village enchanting the various slogans. Students also performed few awareness songs about cleanliness and other social issues.




**Awareness Rally**





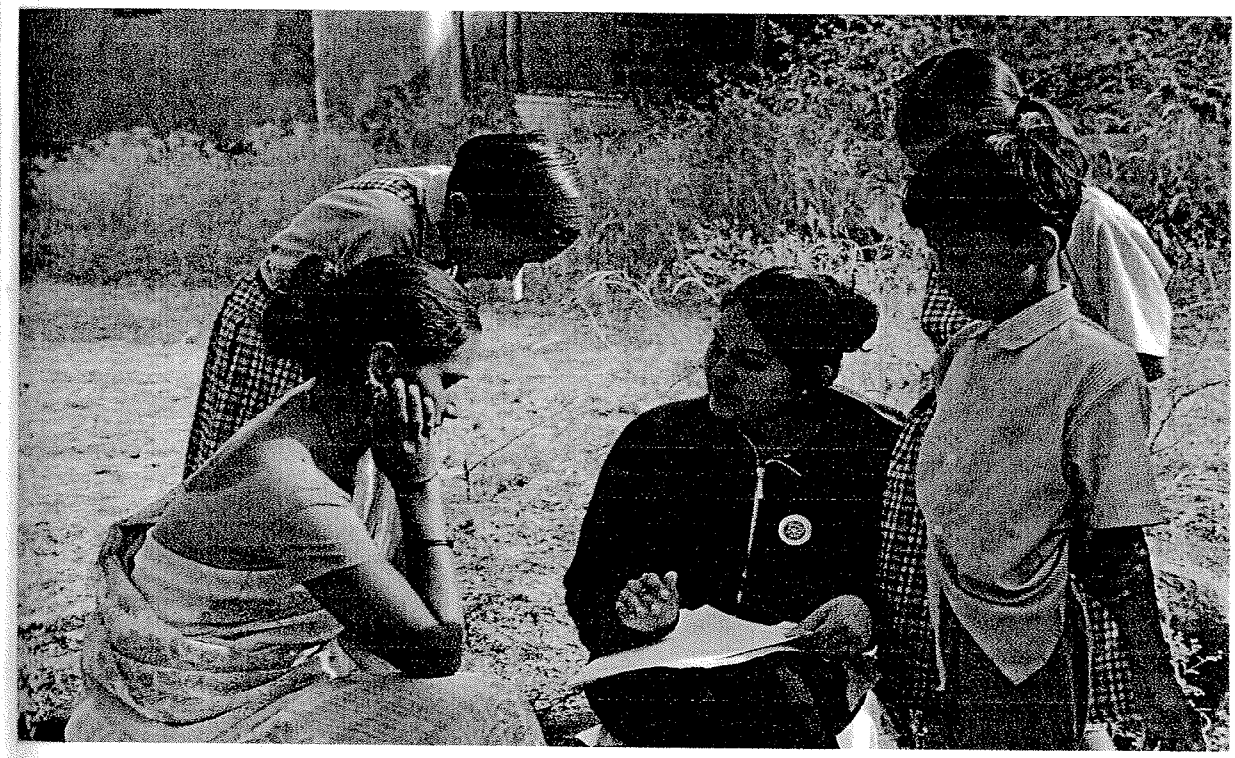
**Students Performing the Songs during the rally**



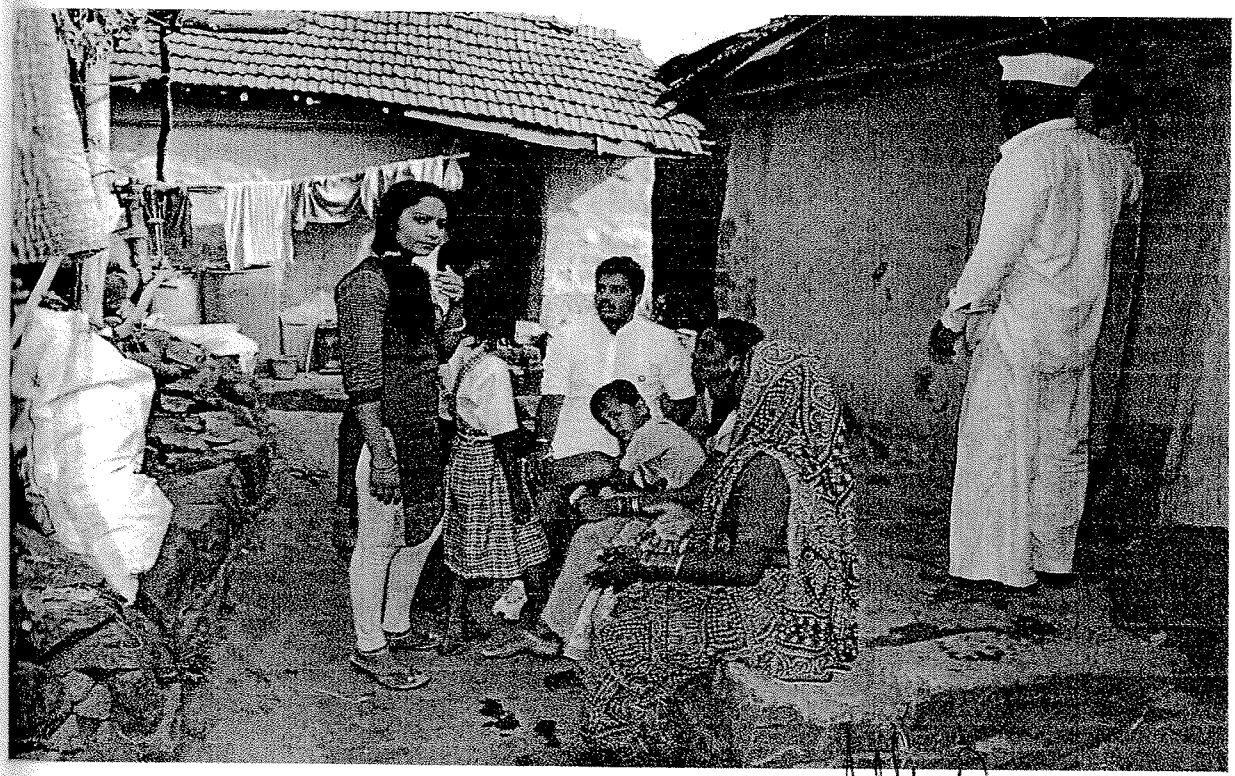
## Day III - 17/12/ 2016

### Socio Economic and Health Survey of the Village Karandi

NSS Volunteers conducted the Socio Economic and Health Survey of the Village Karandi Kheba. The Format for the same was provided by the Savitribai Phule Pune University.



**Students interacting with locals**



## Day IV - 18/12/ 2016

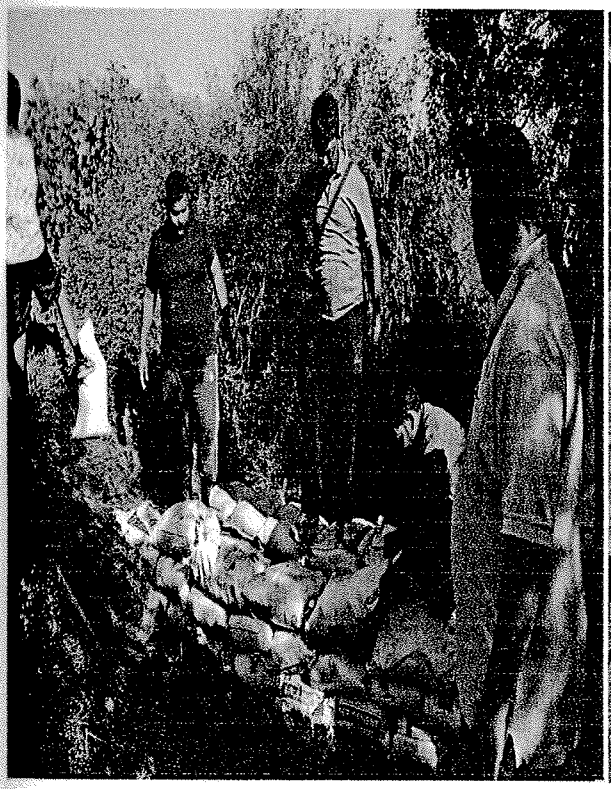
On third day volunteers started construction of **Bandhara** near the Village. The place was identified with the help of experienced persons from the village and accordingly started preparation. Volunteers built 2 Bandharas .



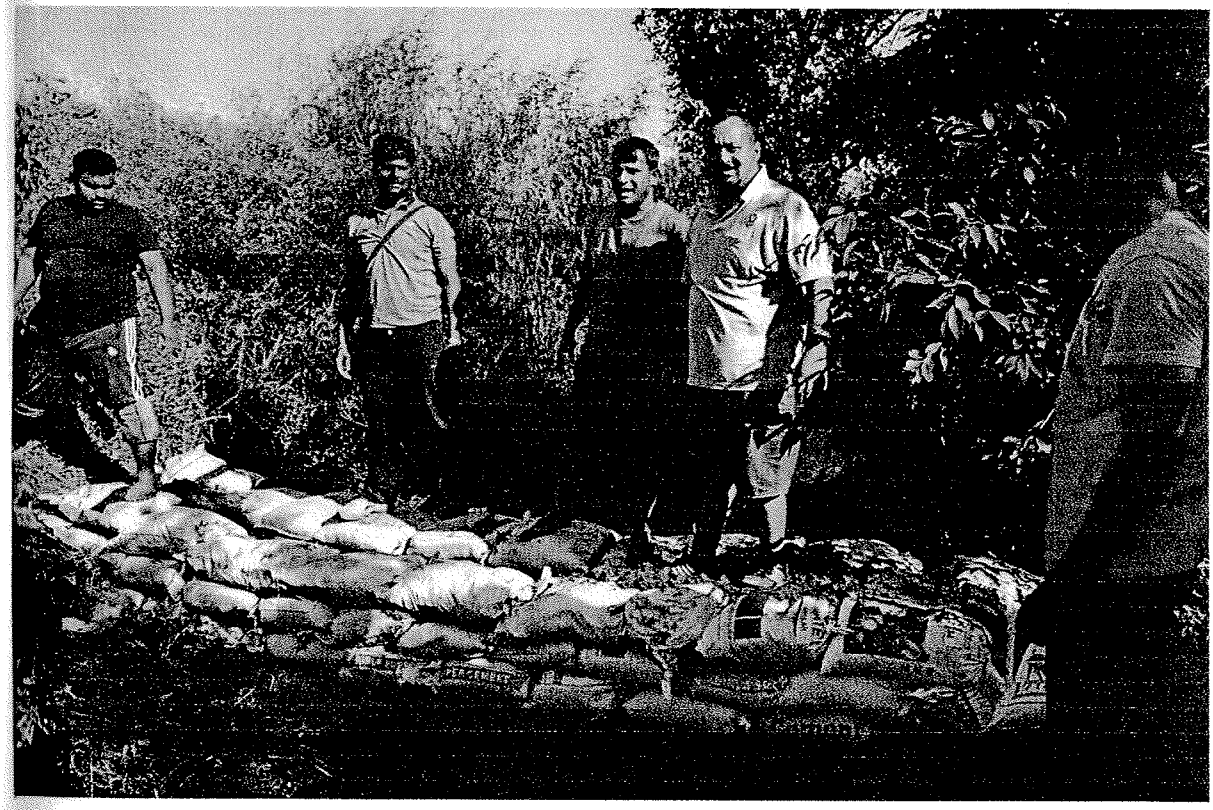


Day V - 19/12/ 2016

Bandhara Construction







Day VI - 20/12/ 2016



**Bandhara No. 1**

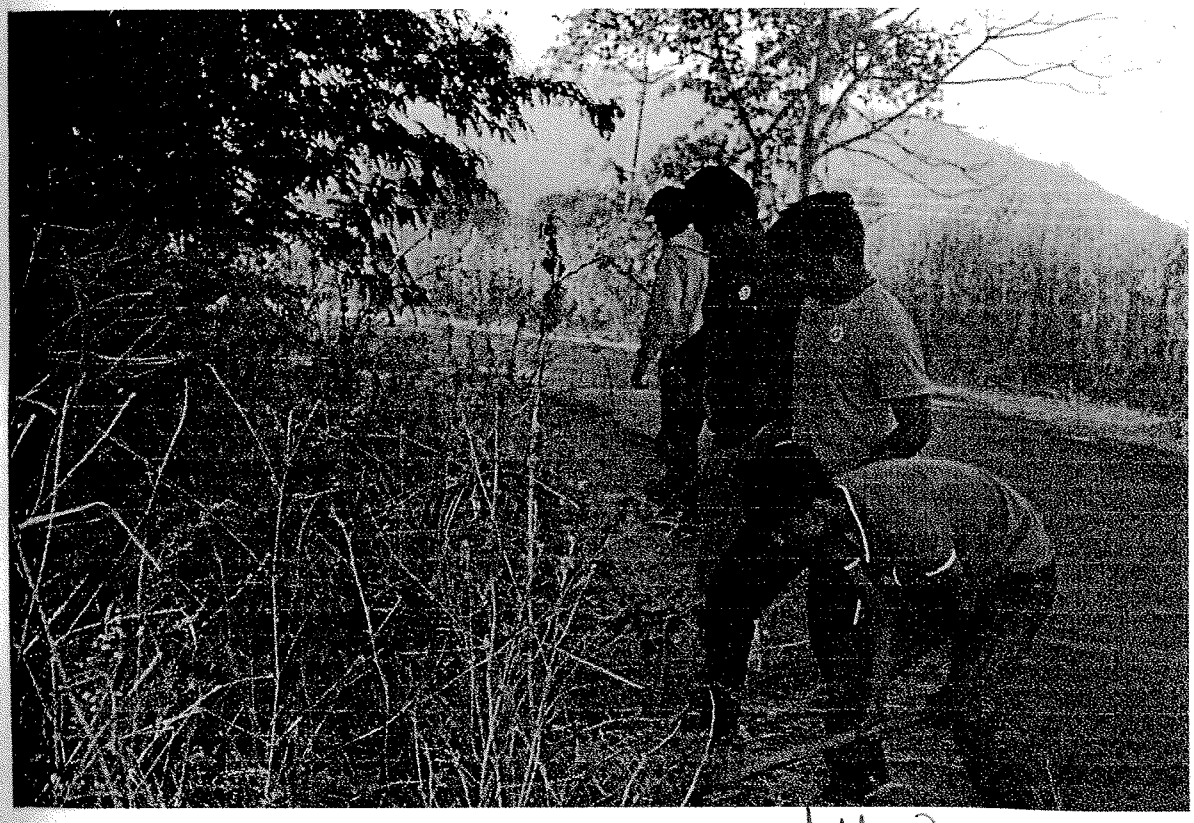


**Bandhara No. 2**

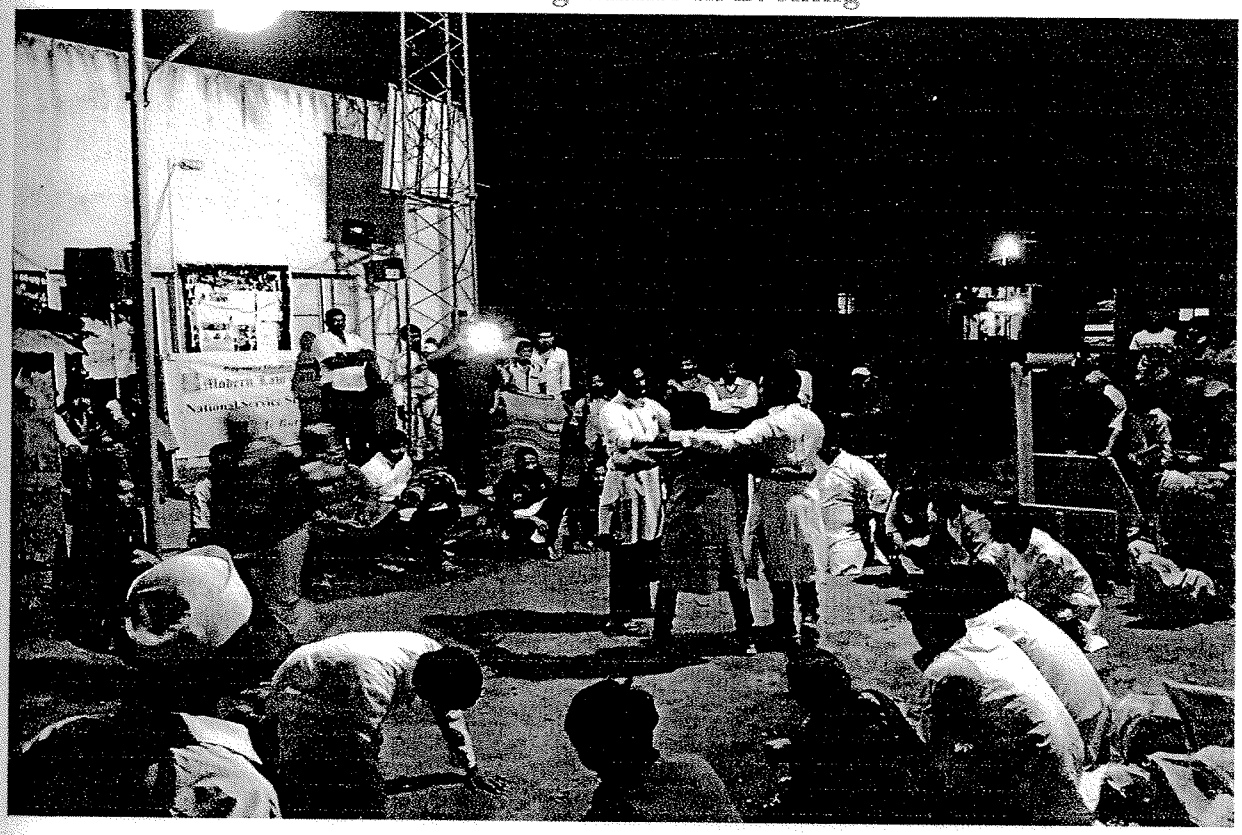
Day VII - 21/12/ 2016

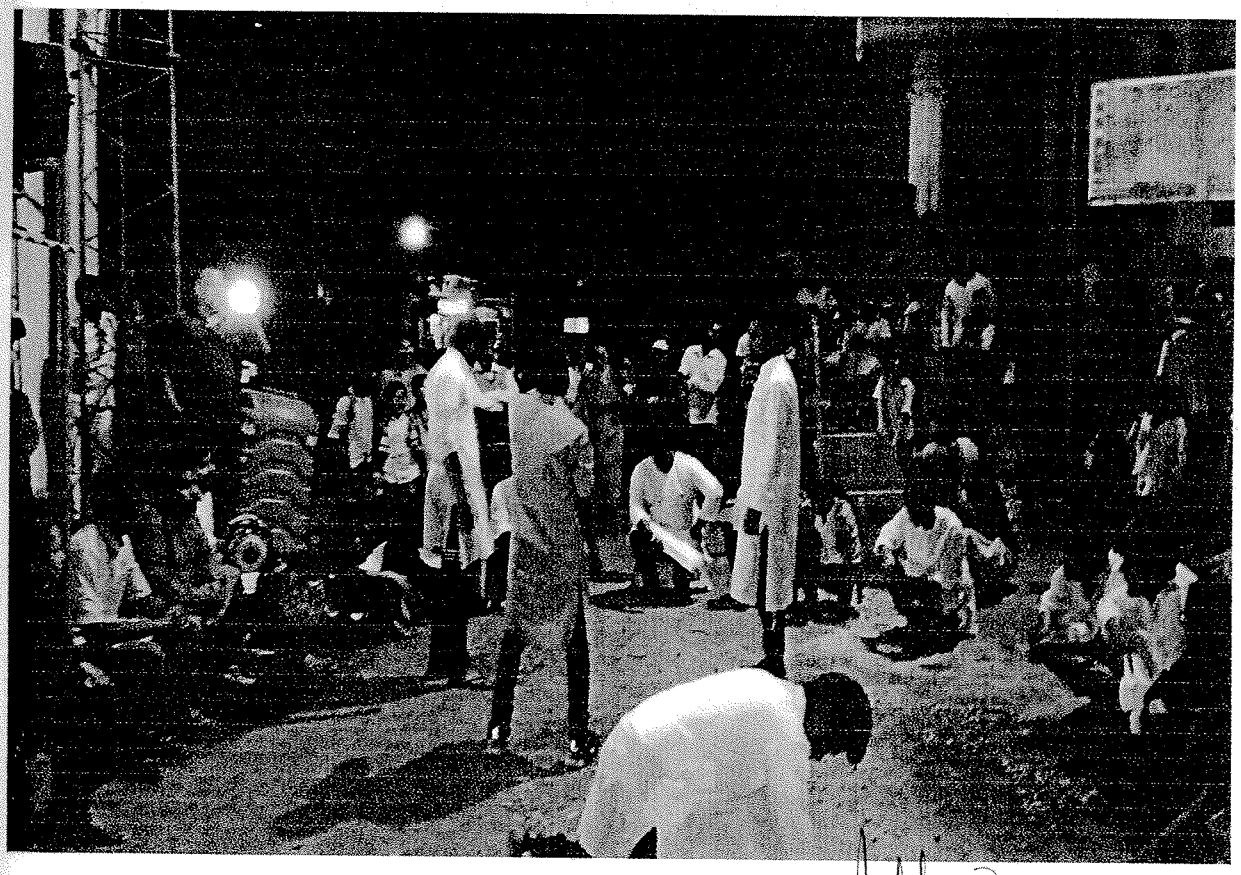


**Cleanliness Drive**



## Cultural Programme in Evening



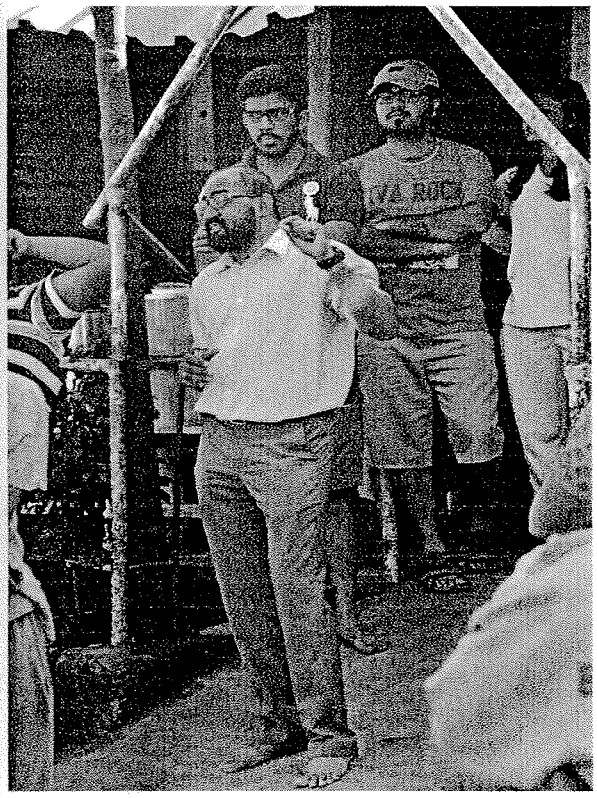


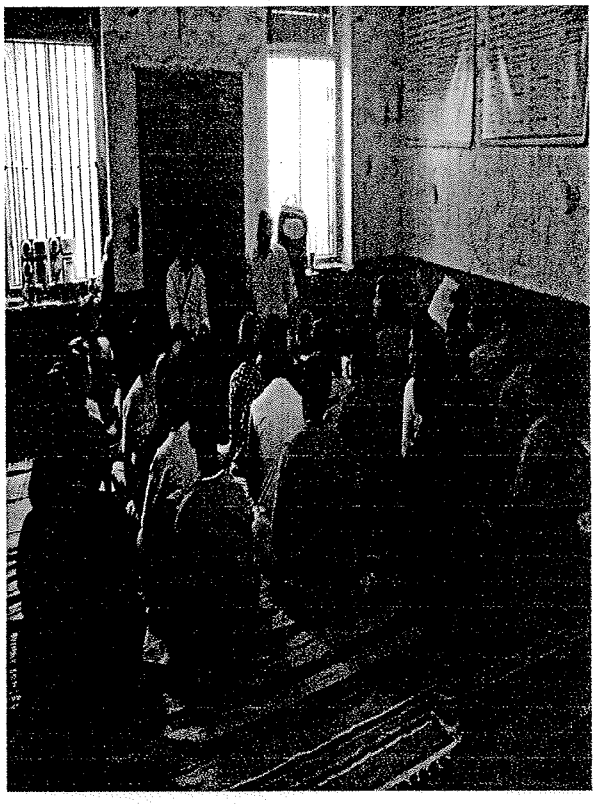
Special Session by Prof. Rahul Bibave

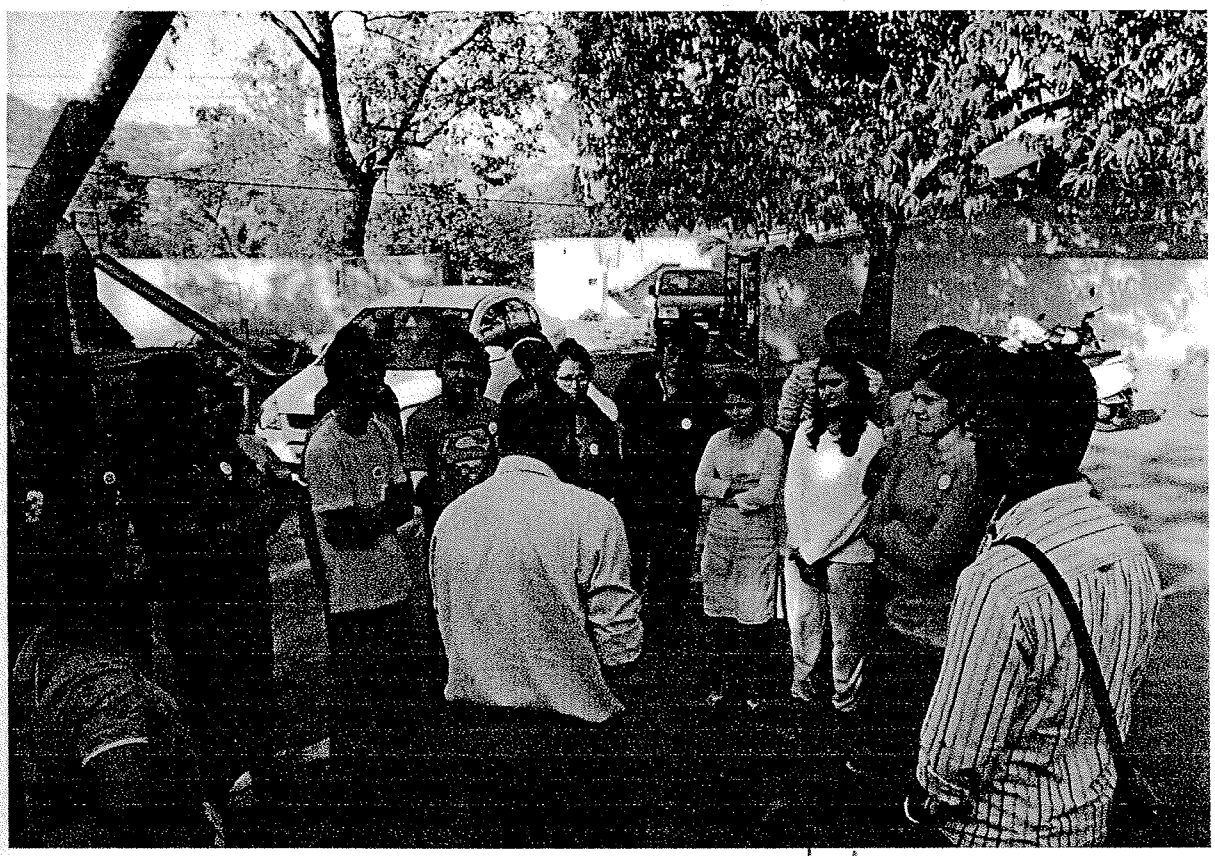




Special Session on Personality Development and Leadership by Prof. Bhushan Mehare from MIT School of Management.





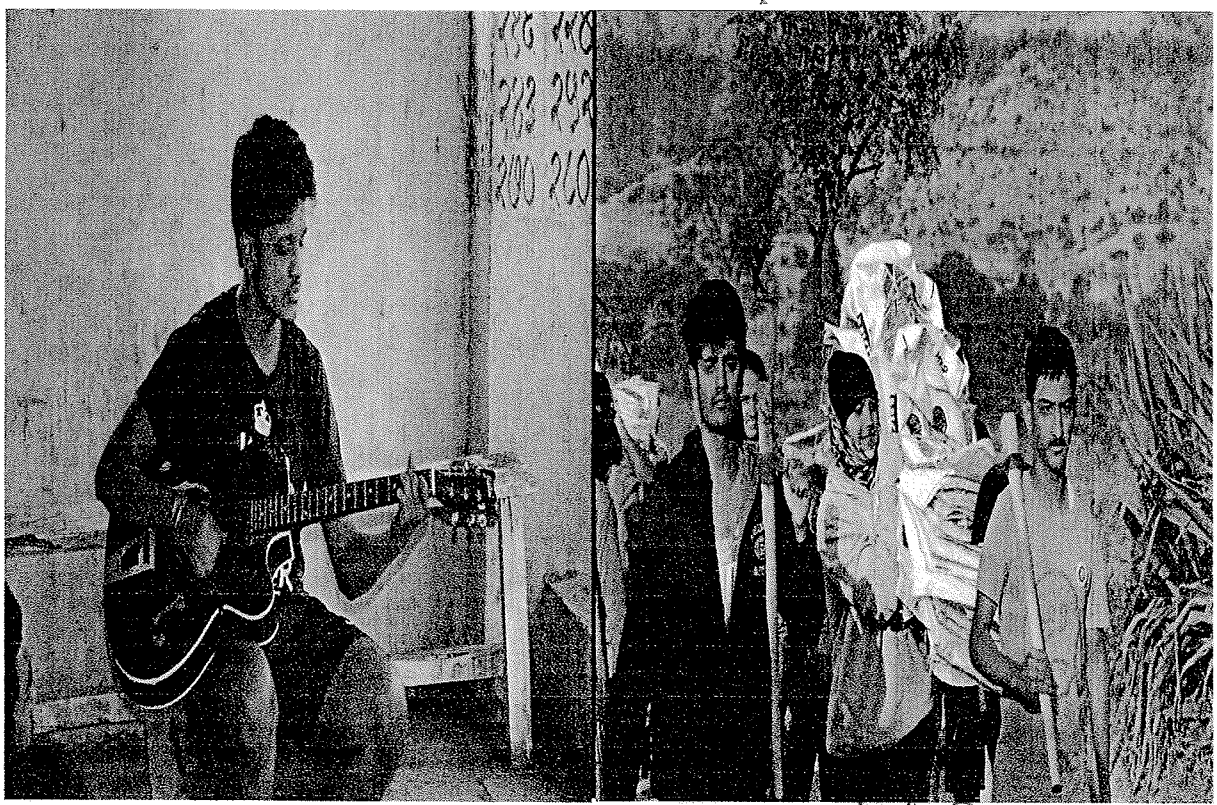


## Valedictory Session

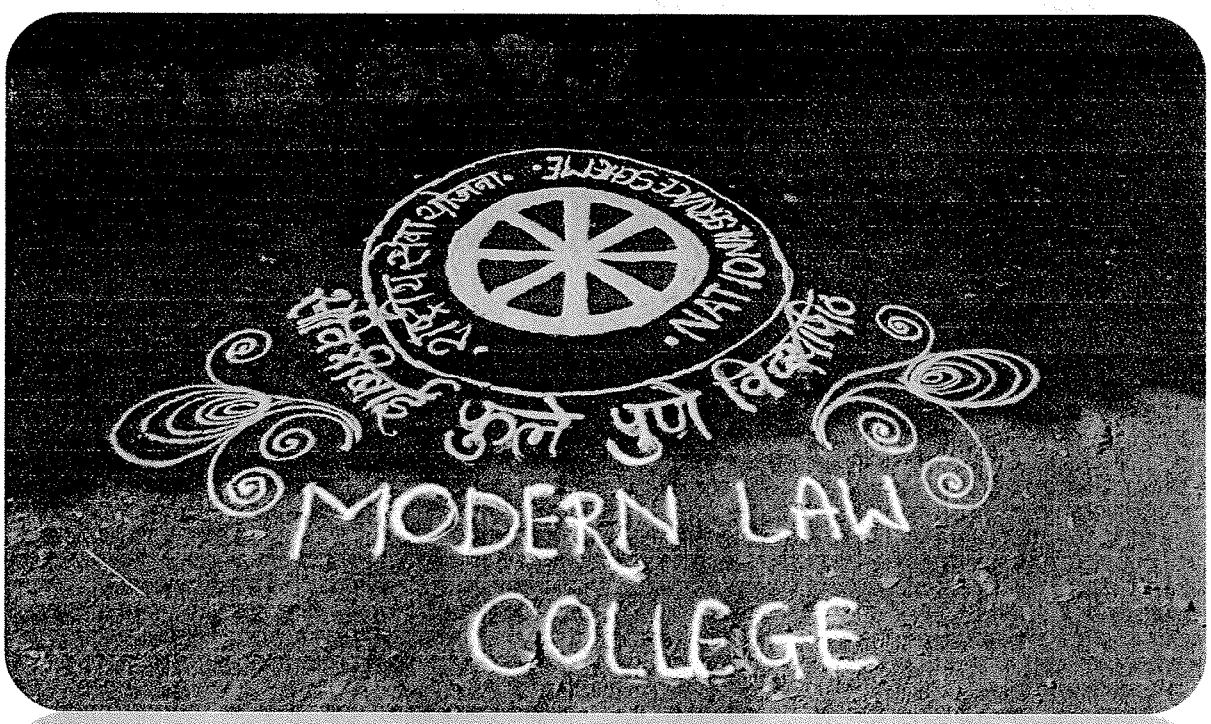


**Adv. Vilas Bapu Borge, Mr. Ankushrao Borge Visiting the Camp for Valedictory Session**

Moments of the Camp






MODERN LAW
COLLEGE

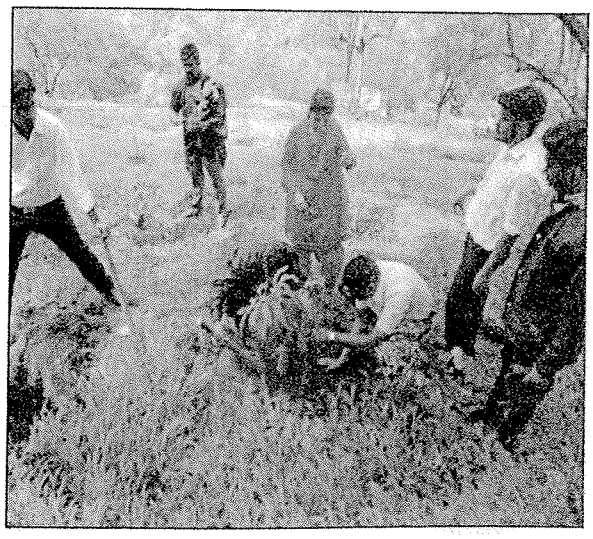
# Tree Plantation Drive 2016-17

Modern Law College NSS unit starts functioning in the Month of July with the Tree Plantation Drive. The Unit plans and implements its activities in association with the **"Vasundhara Movement"**, the Cell which is established by the College with the vision "For the Earth and Earthlings" and which works for the Cause of Environment Protection and Development of Society.

Tree Plantation Drives are conducted in the month of July every year at various places including the College Campus, Panchwati Tekdi Parisar and also at the Villages where NSS Special Camps are conducted every year which are the villages of Kule, Mohari Budruk and Karandi Kheba. Since the previous year, College NSS Unit has adopted Village Karandi for conducting activities throughout the year. Every year, college plants 50 to 100 trees at these places.



Adv. Chintamani Ghate, Co-ordinator Modern Law College and Dr. Sanjay Kharat, Principal, Modern Arts Commerce Science College, Ganeshkhind while planting trees for the tree Plantation drive.

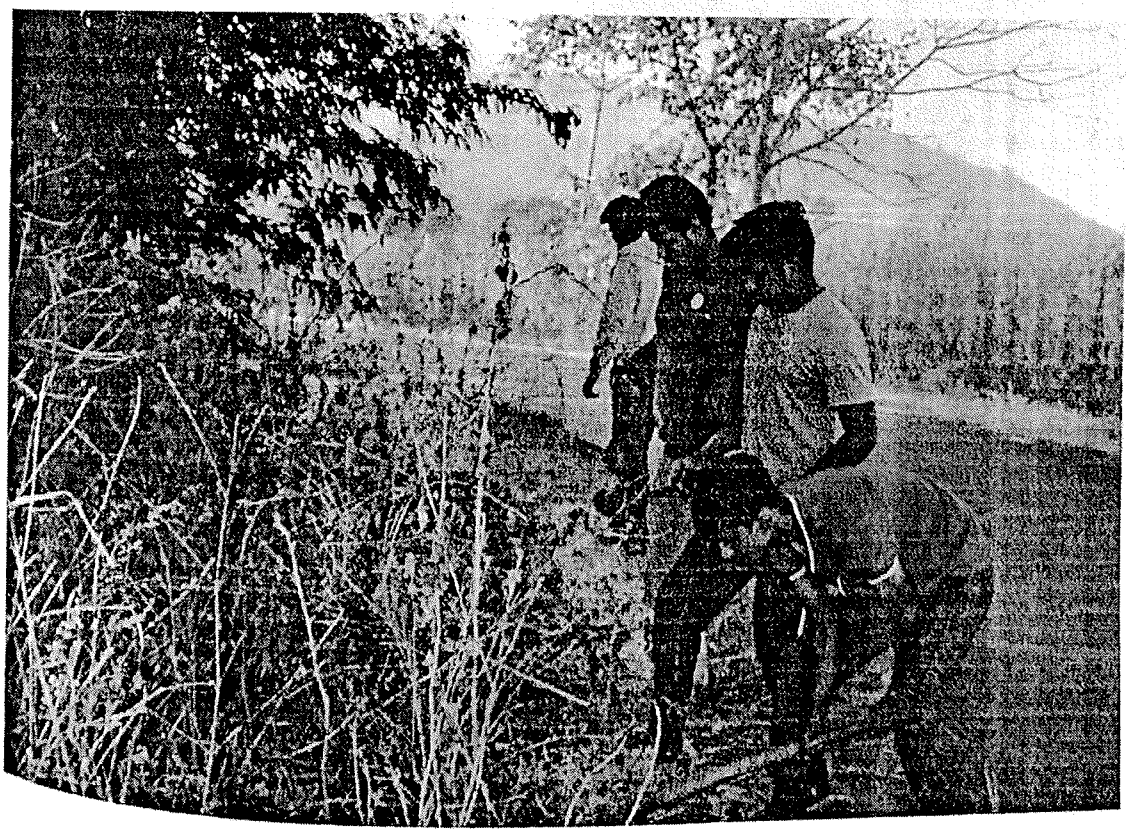


Principal Dr. Sunita Adhav on the occasion of Tree Plantation drive.

Day VII - 21/12/ 2016



**Cleanliness Drive**



Aca. Yr.

2017 - 18

## Tree Plantation

The Unit plans and implements its activities in association with the **"Vasundhara Movement"**, the Cell which is established by the College with the vision "For the Earth and Earthlings" and which works for the Cause of Environment Protection and Development of Society.

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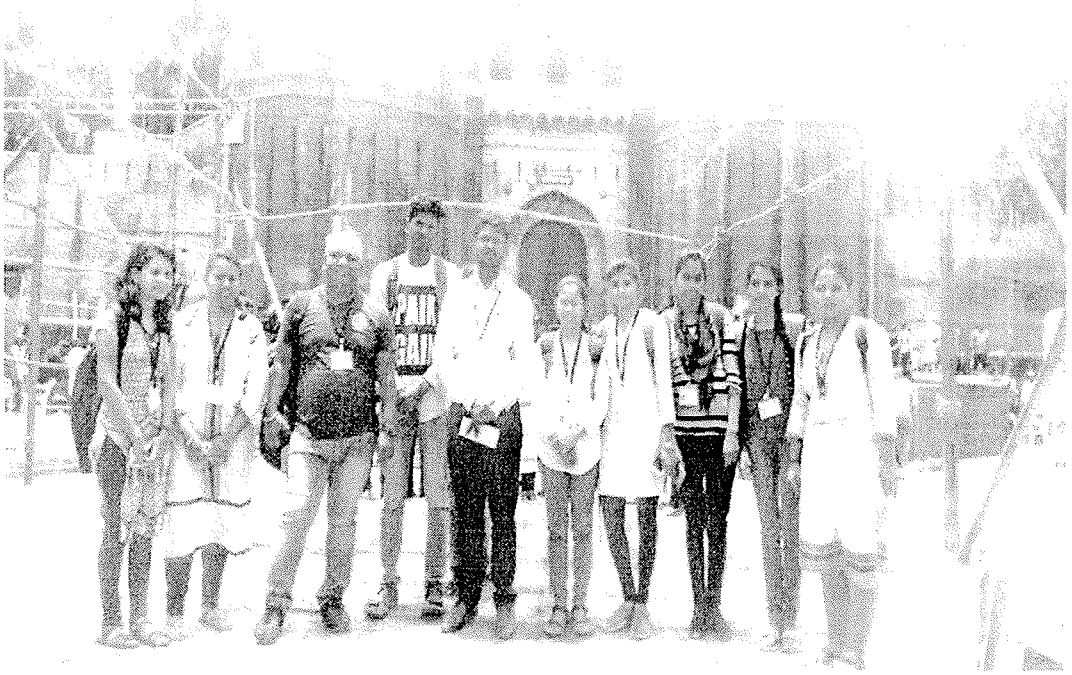
Modern Law College • Pune-16 • PYS

"Shanivar Wada" Cleanliness Drive

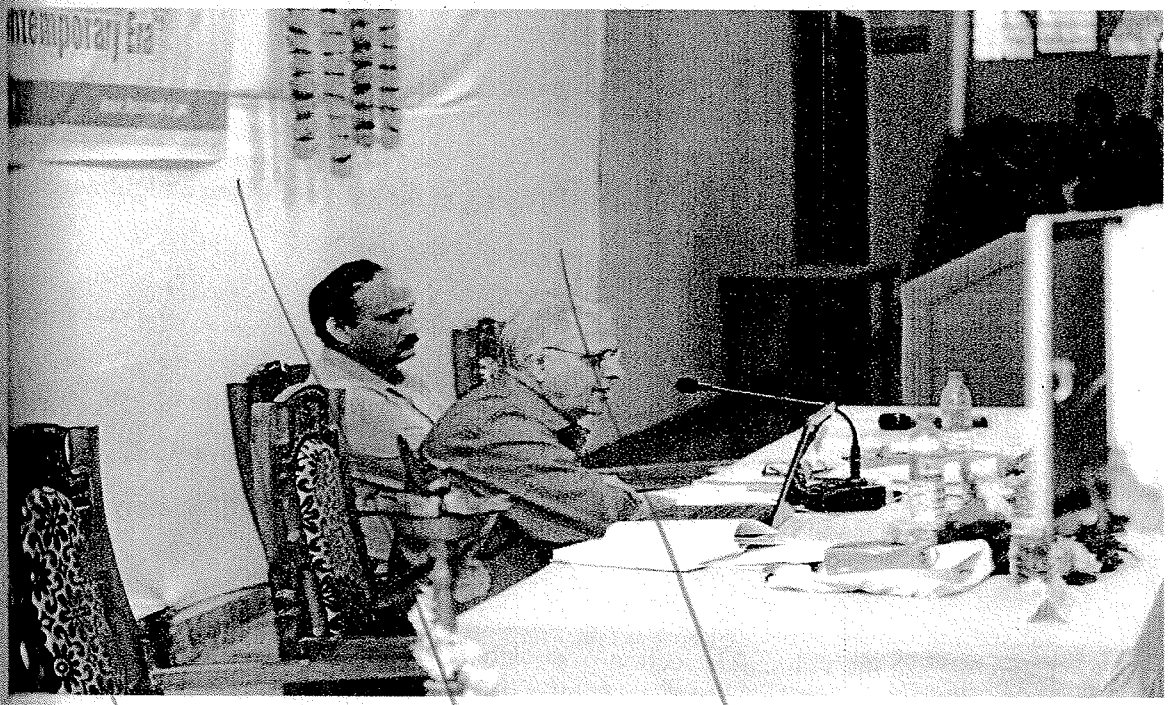




Dr. Prabhakar Desai delivering speech at Shaniwar Wada

Modern Law College
PES's
Pune-16

2017-18



**Prof. K.L. Bhatia, Former Director Dean, School of Law, University of Jammu delivering his address at the first session of the workshop on the topic of** *"Supreme Court Expounding Transformative Jurisprudence in India Fons Juris of Law, Justice and Morality "*



Audience at the Workshop

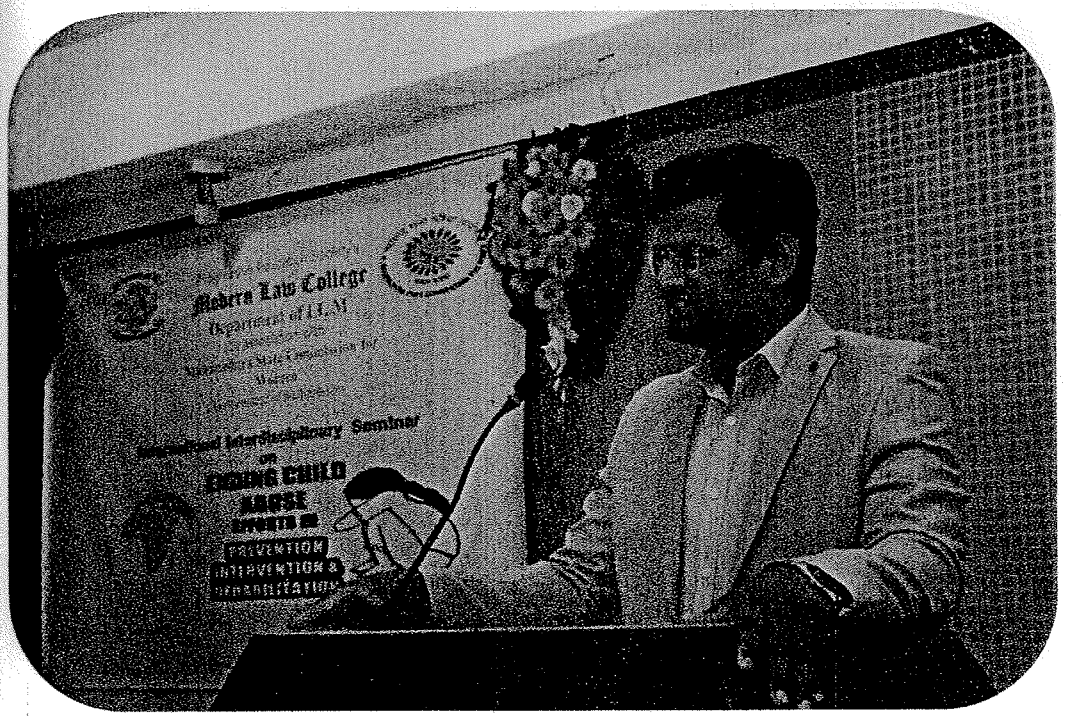



Prof. Dr. Sunta Adhav, Principal Modern Law College Felicitating the Chief Guest Prof. Dr. Wasantha Seneviratne, Head Dept. of Law, University of Colombo, Srilanka




Prof. Dr. Sunta Adhav Delivering the Welcome Address

Adhav




Prof. Ashok Wadje, MNLU Aurangabad, sharing his views on Child Abuse




Police Inspector Dhome delivering lecture on Child Safety

## Paper Presentations



Dr. Deepa Paturkar presenting the paper on Child Sex Abuse: Understanding an unresolved Problem




Udit Raj, Asst. Professor, school of law UPES, Deharadhun presenting his paper on CSR & Child Labour

## International Seminar on 'Socio-Cultural Factors behind Crime'

Under the able guidance of Prof. Dr. G. R. Ekbote, the Modern Law College has since its inception in 2003, remained steadfast to its commitment for inculcating the *'spirit of the law'* in the law students.

In continuation of its tradition of organising quality based events such as, National level Seminars and Moot Court Competition, in Academic year 2017-18, College organised 2nd International Seminar on the topic of 'Socio-Cultural Factors behind Crime' on 17th March 2018. This event was organised in association with Culture House of the Islamic Republic of Iran, Mumbai.

**The sub-theme of the seminar consisted of:**

1. Socio-Cultural Factors behind Crime
2. Special legislations governing socio-cultural crimes'
3. International Law on socio-cultural crimes'
4. Ancillary issues

**Participation:**

College got tremendous response as around 30 research articles were submitted by Academicians, Lawyers and Students in the seminar. Out of this 24 were accepted and published in a special issue of 'the 19 (1) a' Indexed Peer Reviewed Law Journal bearing ISSN 2348-4950.

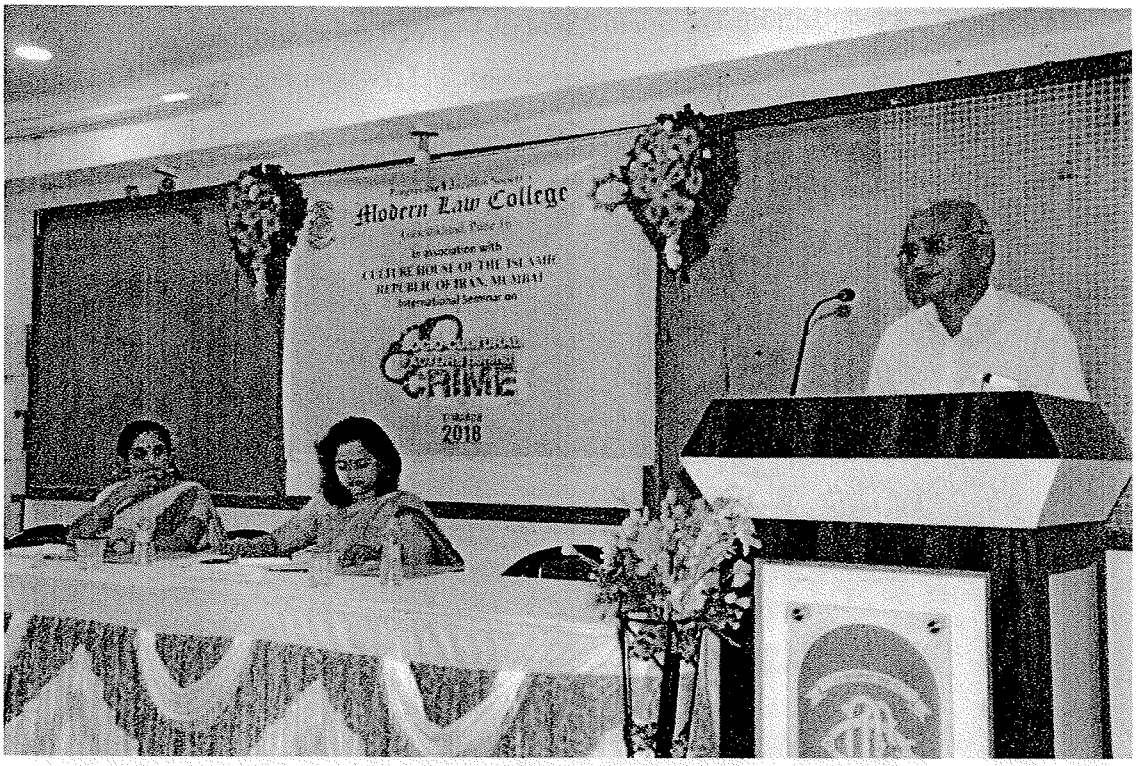
**Advisory Committee**

Following luminaries were the Advisory for the Seminar

- Prof. Shamkant Deshmukh, Secretary, P. E. Society, Pune 05
- Prof. Jyotsna Ekbote, Joint Secretary, P. E. Society, Pune 05
- Prof. Dr. PG Dixit, Visitor, Modern Law College, Pune 16

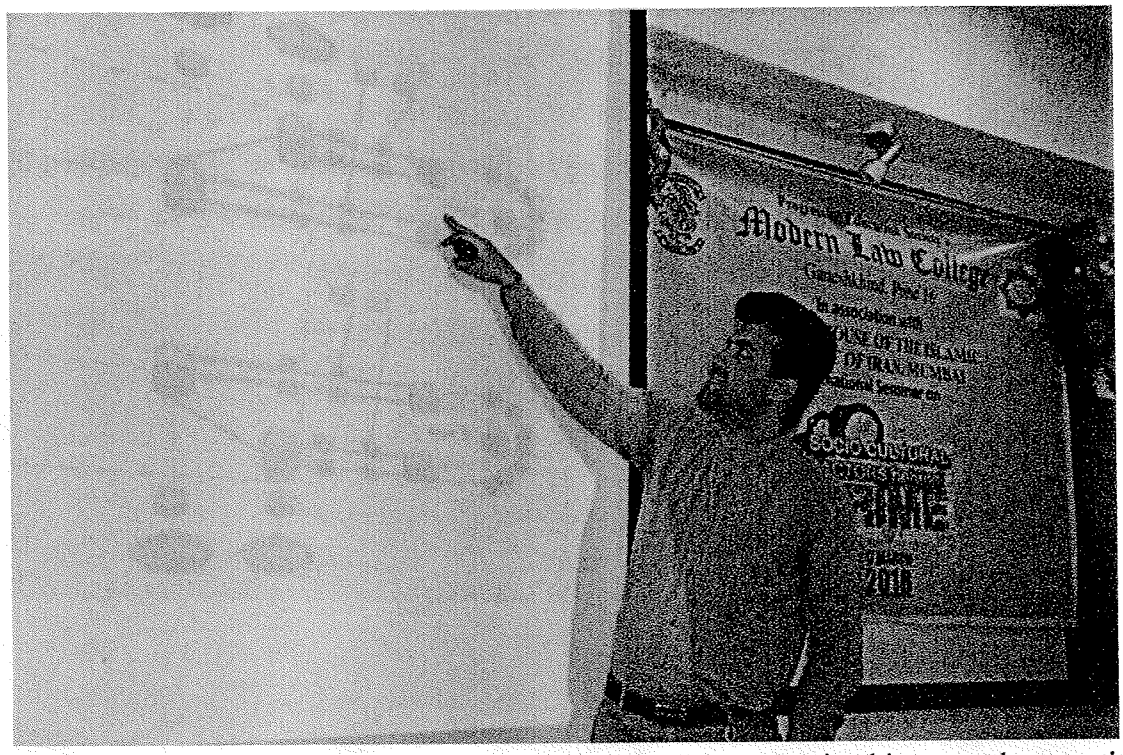
**FIRST SESSION**

Dr. Vanisree Ramnathan, Assistant Professor, Symbiosis Law School, Pune, Adv. Chintamani Ghate, Coordinator, Modern Law College, Dr. Sunita Adhav, Principal, and Dr. Ananya Bibave, Vice- Principal, Modern Law College, Pune were present at the first session of the Seminar.




Dr. Kamalakar. S. Waghmare Assistant Professor, ILS Law College, Pune, presenting his research paper titled 'Atrocities: Anti-Thesis of Fraternity.'






Mustafa Najafi (Bachelor in Electronic Engineering), Iran presenting his research paper titled 'National Information Network of Iran and its facilities for Situational Crime Prevention'




Dr. Naresh Waghmare, associate Professor and Ph.D. Research Guide, Department of Law, Savitrabai Phule Pune University, Pune presenting his Research Paper.

Aca. Yr. 2018-19

## Tree Plantation

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**Students planting trees at Panchvati Tekdi Parisar**

MES's Modern Law College * Pune-16 *



## Celebration of Independence Day

The NSS Unit of the Modern Law College is officially starts its official year with the celebration of the Independence Day that is on 15th August. Principal Dr. Sunita Adhav officially inaugurates the NSS Unit. The Students perform various cultural programs and express their views about the Independence Day and current situations. Students perform Street Plays in college as well as at the Prominent places in Pune City on the topics of Public Awareness, Traffic Awareness, Voter Awareness, etc. The actual working of NSS unit starts in the month of July only with the Tree Plantation Activities.

Principal Dr. Sunita Adhav in her inaugural speech always talks about recent problems and issues. She also reminds the students to respect the National Flags and appeals them to collect the Flags wherever you find. This has become a good practice that our students pick up the flags if found on the streets or anywhere and they are disposed with due respect.

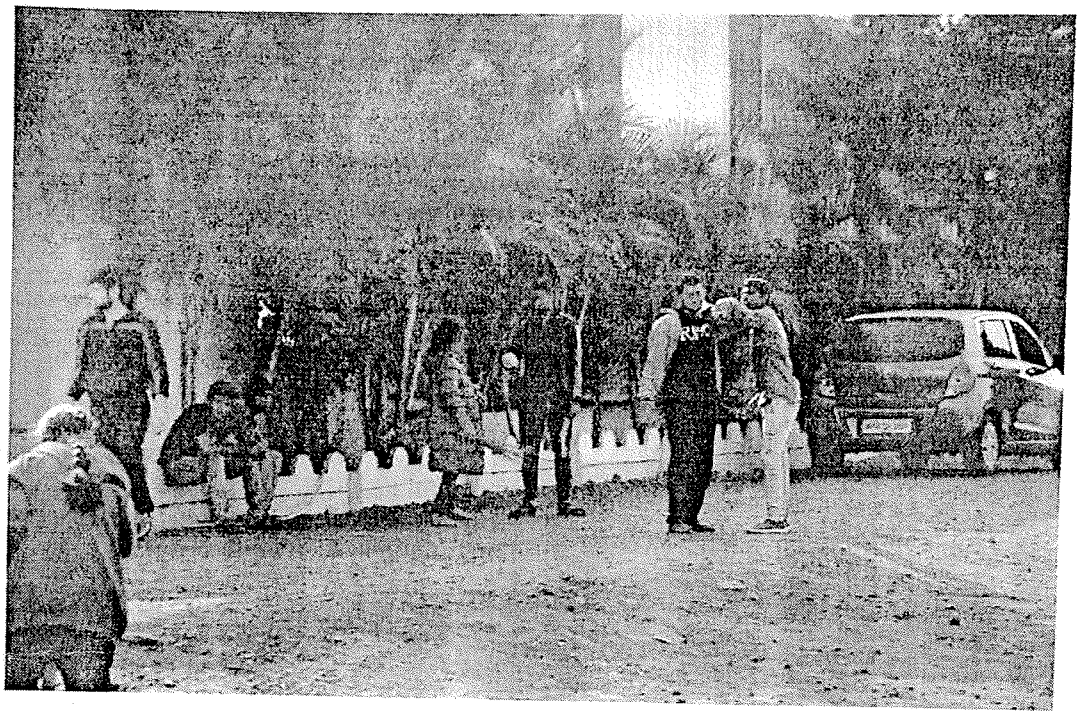
The Programme is organised by the NSS Programme Officer Mr. Abhijeet Dhere with the help of NSS Volunteers.

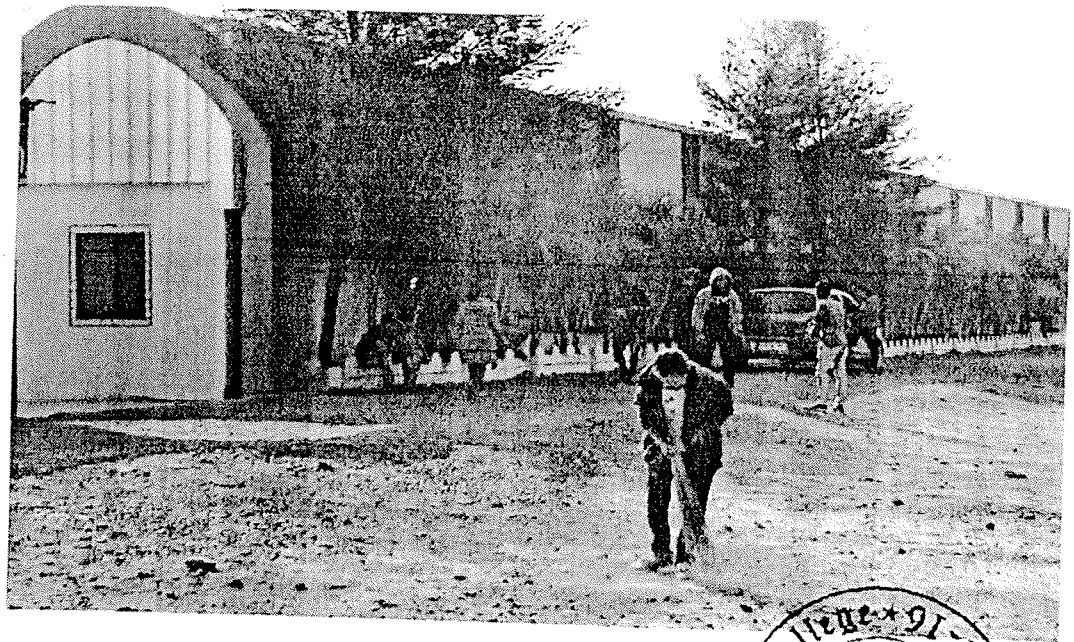
Adhav

Day VII - 21/12/ 2018

**Cleaning of Camp Site**

The volunteers cleaned the camp site before Leaving the camp site





Modern Law College ★ 91 ★ Pune-16

P.E.Society's

Modern Law College,

Ganeshkhind, Pune-16

LLB( 2nd RD YEAR)

(Professional Ethics- Interaction Session)

Guest Lecture on The topic, 'Freedom of Speech and Expression and The Contempt of Court'

Date- 5th October 2019

| Roll.no. | Name | Signature |
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| 7 | R. Shankar | |
| 8 | Ronak Rawal | |
| 9 | Madhura Gore | |
| 10 | Sadhana Bhayan | |
| 11 | Sudha Gupta | |
| 12 | Prajakta yesre | Prajakta. |
| 13 | Neeta. | |
| 14 | Vijayakumar Varadhan | |
| 15 | Sayali Anil Digh | |
| 16 | | |
| 17 | Jagdish Fulekar | |
| 18 | Neha Chanchlani | |
| 19 | Kajal Dagade | |
| 20 | | |
| 21 | Anisha Tamboli | |
| 22 | Konde Vijay Ashok | |
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| 25 | | |
| 26 | Tushar Shendkar | |
| 27 | | |
| 28 | shreya Ranade | |
| 29 | Rinku Dhadge | |
| 30 | Mrunalinee Behere | M. A. Behere |
| 31 | PARAMITA THAPA | Paramita Thapa |
| 32 | | |
| 33 | Shruti Tiwari | |
| 34 | Tejas Tondhe | |

P.E.Society's

Modern Law College,

Ganeshkhind, Pune-16

LLB( III RD YEAR)

(Professional Ethics- Interaction Session)

Guest Lecture on The topic, 'Freedom of Speech and Expression and The Contempt of Court'

Date- 5th October 2019

| | | |
|---|---|---|
| 35 | Karuna Erappa Marpale | Karuna |
| 36 | Saumini Joshi | |
| 37 | Shruti Sawantdesai | Shruti |
| 38 | Sakshi Kajodiya | |
| 39 | Madhav Peruwal | |
| 40 | Dhananjay N. Gumaste | Dhananjay |
| 41 | Kavishma Shah | |
| 42 | | |
| 43 | Datta B. Chikane | Shikant |
| 44 | | |
| 45 | Vijay malchamale | Vijaymalchamale |
| 46 | Chaitali Jiwadkar | chaitali |
| 47 | Phadatare Rohan shivaji | Rohan |
| 48 | Laxmi Jotanki | |
| 49 | Nikhil Gaikwad | Nikhil |
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| 54 | Sonali Dilip Dagade | Sdagade |
| 55 | Atti D. Sondekar | Sondekar |
| 56 | Shruti H. Gaikwad. | Shgaikwad. |
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| 61 | Akash Dhore | Adhore |
| 62 | | |
| 63 | | |
| 64 | Pratik Deshmukh | |
| 65 | Onkar Yewale | Onkar |
| 66 | | |
| 67 | Divya Bedre | Divya |
| 68 | | |
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P.E.Society's

Modern Law College,

Ganeshkhind, Pune-16

LLB( III RD YEAR)

(Professional Ethics- Interaction Session)

Guest Lecture on The topic, 'Freedom of Speech and Expression and The Contempt of Court'

Date- 5th October 2019

| | | |
|---|---|---|
| 70 | | |
| 71 | | |
| 72 | Kunjir Swaraj | Kunjir |
| 73 | | |
| 74 | | |
| 75 | Sanket. Modak | S.S. Modak |
| 76 | Kevin Shah | |
| 77 | | |
| 78 | Shreya Kolhe | |
| 79 | | |
| 80 | Saloni chouhan | Saloni |
| 81 | SUSHANT PAWAR | Pawar |
| 82 | | |
| 83 | Ashwini Jadhav | Ashwini |
| 84 | CORINA SINGH | |
| 85 | Pravin Devadhe | Devadhe |
| 86 | AISHWARYA BHATNAGAR | Aishwarya |
| 87 | Sayli Parkhe | Sayli |
| 88 | Vikas Naske | |
| 89 | Sampada Joshi | |
| 90 | Anand Changediya | |
| 91 | MANEET GIRI | |
| 92 | Kiran Waikar | |
| 93 | Sonam Kalyani | Sonam |
| 94 | | |
| 95 | Madhuri Bokle | Madhuri |
| 96 | | |
| 97 | | |
| 98 | Surekha Agarkar | SPA |
| 99 | Rohan. B. Jamadar | Jamadar |
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P.E.Society's

Modern Law College,

Ganeshkhind, Pune-16

LLB( III RD YEAR)

(Professional Ethics- Interaction Session)

Guest Lecture on The topic, 'Freedom of Speech and Expression and The Contempt of Court'

Date- 5th October 2019

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| 118 | | |
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| 120 | | |
| 105 | Shivika Chhabra | Shivika Chhabra |
| 103 | Dr AMITKUMAR GIRI | |
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**GUEST LECTURE ON**

Rape Laws, Gender Issues & Criminal Amendments

**By** Prof. Vardhaman Ahiwale

Date:- 10/1/19 Time:- 10:00 am

| | Name | Class | Signature |
|---|---|---|---|
| 1. | Sarita Saxena | LLM- ~~II Sem~~ | |
| 2. | Nisha | LLM- ~~II Sem~~ | |
| 3. | Snehal Mane | LLM-I | Sehal |
| 4. | Archana S. Deshpande | LLM-I | |
| 5. | Jeeranun Thansupan | LL.M. II | |
| 6. | W. chathuri Mendis wickramanayaka | L.L.M. II | |
| 7. | Bhavna Shukla | BA.LLB IV | Bhavi |
| 8. | Bomble Monika Parashuram. | B.A.LL.B.IV | Bomble |
| 9. | Pawar Amruta. | B.A.LL.B IV. | Pawar |
| 10. | Payal Mawani | B A LLB IV | Pawani |
| 11. | Sharmili Chendake | BALLB IV | Schendake |
| 12. | Cynthia Marian | BALLB IV | Cynthia |
| 13. | Deepika Vike | BALLB IV | |
| 14. | Dharmveer Kotankar | B.A.LLB IV | |
| 15 | Vishwanya Kendhar | B.A.LLB IV | |
| 16 | Peranot Hakimi | LLM-II | |
| 17 | Arti Jadhav | LLM-II | Arti Jadhav |
| 18 | Pallavi Nandawate | LLM II | |
| 19 | Ruchi Dwivedi | BALLB IV | |
| 20 | Hrudyanshi Joshi | BA LLB IV | |
| 21 | Anusha Tiwari | ,, | Anusha |
| 22 | Nidhi Dixit | BA.LLB IV | Dixit. |
| 23 | Twinkle Thorat | BA.LLB IV | Thorat. |
| 24 | Harshali soni | BALLB IV | Harshali |
| 25 | Siddhika Kosamkar | BALLB IV | Siddhika |
| 26 | Shubham F. Sakore | B.A.L.L.B IV | |
| 27 | Gaikwad Avadhut vitthal | B.Sc.LLB IV | Gaikwad |
| 28 | Pranav. S. Pathi | BA.LL.B-IV | Pathi. |
| 29 | Abhijeet. A. Patil | BA.LL.B-IV | Patil |
| 30. | Vikas S. Belapurkar | B.A.LL.B IV | Belapurkar |
| 31. | Rishikeshi P. Sahasrabudhe | B.A.LL.B IV | |
| 32. | Rudrapati tripathi | B.A LLB IV | Rudrapati |
| 33 | Kritika Singla | BB LL B IV | |
| 34. | Ruchira Dandekar | —11— | |
| 35. | Vaishnavi Shendulkar | —11— | |
| 36. | Prateen Rohanekar. | —11— | Prateen |
| 37. | Harshada Parab | LLM II | Harshada |
| 38 | Priyanka Bhusad | LLM II | Priyanka |
| 39. | Bhagyashree ~~Gadiya~~ Gadiya | LLM I | Bhagyashree |
| 40 | Ankita B. Pathak. | LLM I | Ankita |

# International Seminar on Emerging Trends in Intellectual Property Rights: Obstacles & Opportunities

The topic of the seminar "Emerging Trends in Intellectual Property Rights - Obstacles and Opportunities" is an on-going topic in the legal field. This seminar was held on 23rd February 2019. There have been instances in various cases decided by the Apex court wherein latest amendments and rulings have been taken into consideration while delivering justice. Emerging trends are a vital part of the legal industry. This seminar attempts to analyses the emerging trends with respect to following subthemes of the seminar.

## The sub-theme of the seminar

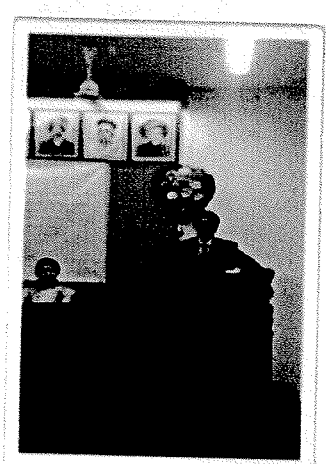
- IPR and Pharmaceutical Industry
- Compulsory licensing vis-a-vis cost
- Post Doha declaration and its impact on compulsory licensing.
- Copyright in Cyber Space
- Intellectual Property Disputes and
- Competition Laws
- ADR and IPR



Unveiling of the Publication of International Seminar proceeding bearing ISSN 2277 – 5730

## Keynote Address

The keynote address was delivered by Prof. Dr. Dilip Ukey, said that intellectual property is the wealth of human mind. It is a very powerful and useful tool in hands of one whose brain child it is. Nothing is as powerful as the idea that originates in the mind of a person, who has the desire and the ability to inculcate the precious ideas in society. Law has made special provisions to protect such intellectual property, wherein every individual who owns such property has been protected. New ideas that are portrayed as intellectual property should reach to every level of people or they prove to be worthless and useless.



Keynote address being delivered by Prof. Dr. Dilip Ukey



Felicitation of Dr. Isil Ezgi Celik

morning to night is engulfed with intellectual property. All the products that we use are a gift of the intellect of a human mind. One discovery means one patent, which in return means one business. Intellectual property helps to create new business horizons. Indians are the reason for the 38% growth of America's Intellectual Property. Our younger generation needs to come up with this idea of creating new businesses which would help to place India at the top position of Intellectual Property.

The second speaker of the technical session II was Adv. Ganesh Hingmire focused on the scope and jurisdiction of intellectual property. He said our entire day, that is from morning to night is engulfed with intellectual property. All the products that we use are a gift of the intellect of a human mind. One discovery means one patent, which in return means one business. Intellectual property helps to create new business horizons. Indians are the reason for the 38% growth of Americas Intellectual Property. Our younger generation needs to come up with this idea of creating new businesses which would help to place India at the top position of Intellectual Property.



Adv. Ganesh Hingmire delivering his lecture on IPR and Patents

The international seminar was truly a feast for the various participants ranging from academicians, researchers, students etc. Various aspects of intellectual property regarding discovery of new job opportunities, new fields of research and ideas was portrayed in an excellent way. Many students of various law colleges took active participation and showcased their ideas by presenting their papers on various topics related to Intellectual property.

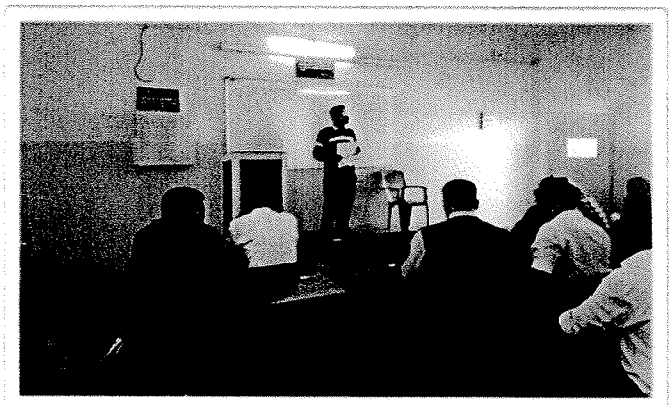
The seminar was graced by the presence of Adv. Dr. Chintamani Ghate, Principal Dr. Sunita Adhav, and Vice-Principal Dr. Ananya Bibave. The seminar was convened by Asst. Prof Pawan Kalawala and Asst. Prof. Manisha Britto.

# Parent-Teachers Meet

Parent Teacher Meeting was organized on 7th of January, 2019 at Modern Law College especially for 1st BA LLB students. The meeting was attended by 30-35 parents. The meeting was chaired by Principal Dr. Sunita Adhav. Vice-Principal Dr. Ananya Bibave along with subject teachers – Mr. Amal Varghese, Mr Akshay Ugale was present on the occasion. Dr. Sunita Adhav urged the students to fully use the resources of the college and participate in extra-curricular activities. She also highlighted the importance of inculcating discipline, integrity, modesty, patience and morality in a student's behaviour to excel in life.



Parents and students during the Parent-Teachers Meet



Asst. Prof. Akshay Ugale addressing the parents during the Parent-Teachers Meet

Aca. Yr.

2019-20.

Progressive Education Society's

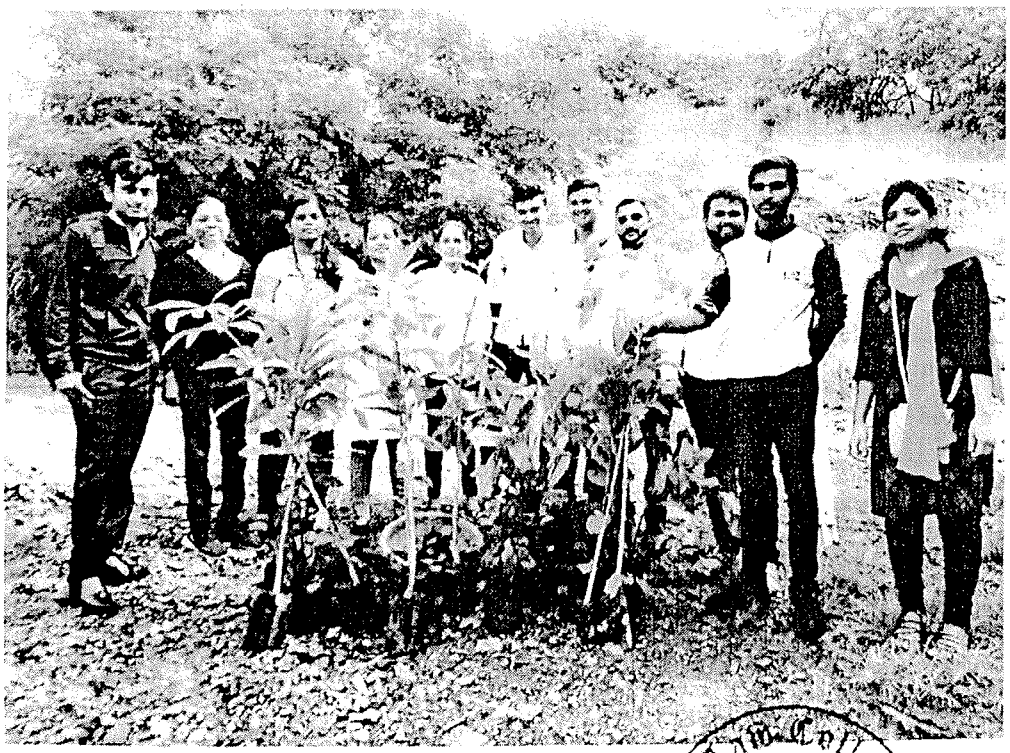
# Modern Law College

Ganeshkhind, Pune - 411016

## TREE PLANTATION DRIVE 2019-2020

Modern Law College NSS unit starts functioning in the Month of July with the Tree Plantation Drive. The Unit plans and implements its activities in association with the **"Vasundhara Movement"**, the Cell which is established by the College with the vision **"For the Earth and Earthlings"** and which works for 'the Cause of Environment Protection and Development of Society'.

Tree Plantation Drives are conducted in the month July every year at various places including the College Campus, Pashan Sus TekdiParisar and also at the Villages where NSS Special Camps are conducted every year that is Village Diwadgaon .Voluteers were enthusiastic about the tree plantation. The College NSS unit not only planted tree but also promoted tree plantation and environmental awareness with the help of slogans.



Modern Law College PES's

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**Students plantingsapling at Pashan Sus TekdiParisar**




**Participation in SPPU Tree plantation**

Modern Law College * Pune-16

Progressive Education Society's

# Modern Law College

Ganeshkhind, Pune - 411016

## River cleanliness drive on the occasion of Gandhi Jayanti

Around 10,000 volunteers from Savitribai Phule Pune University and its affiliated colleges cleaned up the Mula-Mutha river banks in Pune and Pimpri Chinchwad area. To celebrate along with the golden jubilee year of National Service Scheme and 150th year of Mahatma Gandhi's birth anniversary, NSS volunteers decided to clean up the river banks of Pune and Pimpri Chinchwad. After the drive, the volunteers took an oath to stop the use of plastic goods at Shaniwarwada. The Students collected and cleaned up the designated areas. Pune Municipal Corporation helped with the disposal of the collected garbage. They also provided students with gloves to ensure that the health and safety is not compromised. The drive took place from 7am to 10am.



**River cleanliness awareness and reporting**

Modern Law College ★ Pune-16 ★

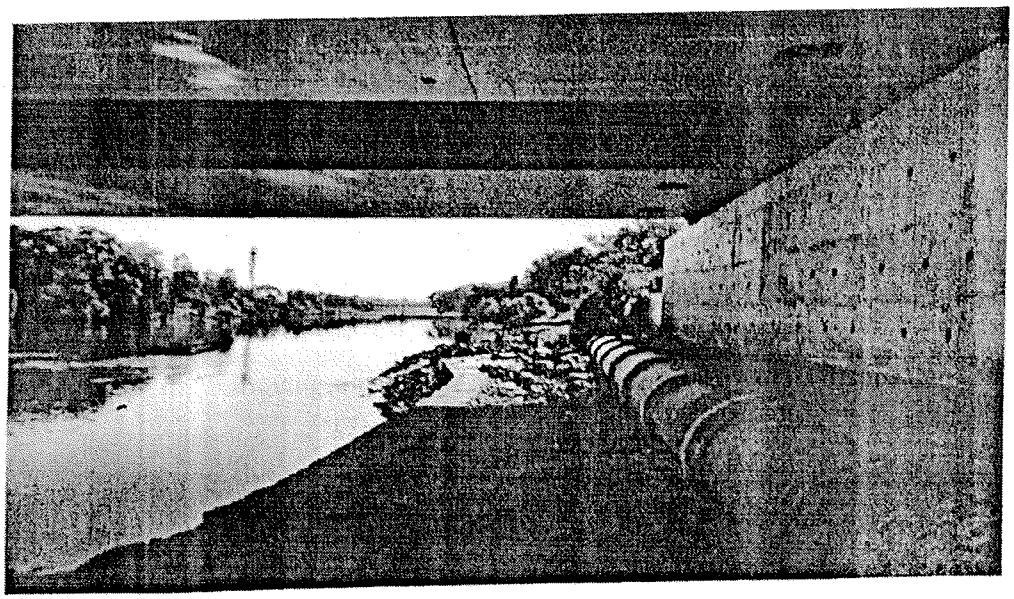
Progressive Education Society's

# Modern Law College

Ganeshkhind, Pune - 411016



Students removing solid waste and taking utmost care of its disposal



A View of River Bank After Cleanliness

Modern Law College ★ PEC ★ Pune-16

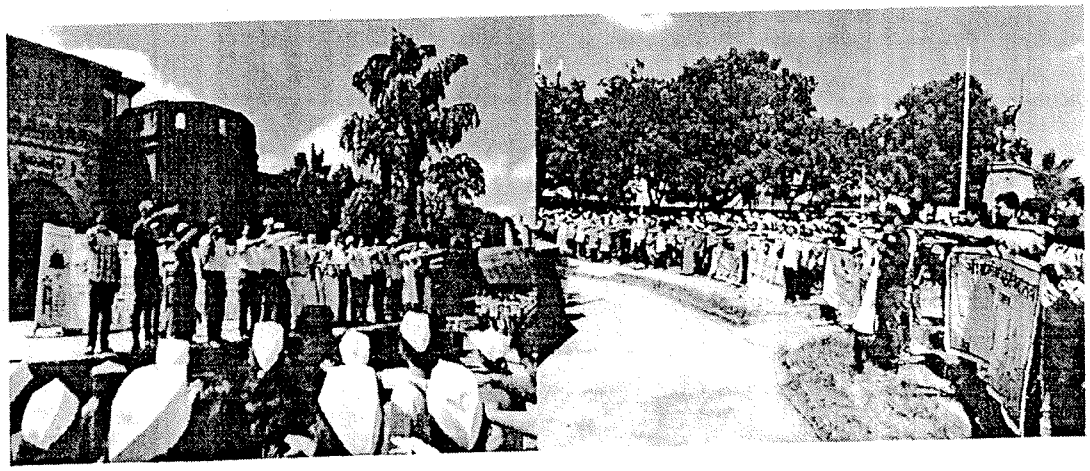
Progressive Education Society's

# Modern Law College

Ganeshkhind, Pune - 411016



NSS volunteers of Modern law College Unit after cleaning the Riverbank



Pledge to stop the use of plastic goods taken at ~~shaniwar~~wada

PES's Modern Law College ★ Pune-16 ★

Progressive Education Society's

# Modern Law College

Ganeshkhind, Pune - 411016




The Cleanliness Oath and Awareness Program at Shaniwarwada

# Modern Law College

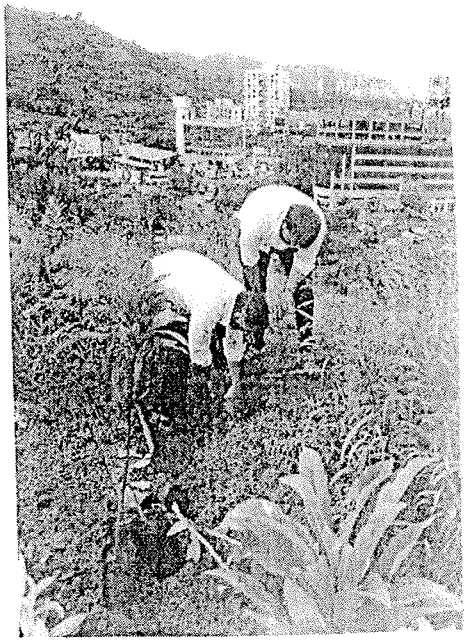
## Tree Plantation Drive 2019-20

Every year Modern Law College, Pune organizes Tree Plantation Drive in Vasundhara Movement Activity. This year also College Organized Tree Plantation Drive at Pashan Khind Hill, sus road, Pune on 26th September 2019 at 7:30am. This year 21 students participated in the activity and 45 Tree were planted. Trees like Black Plum, Spathrudia,Saptaparni,Kailaspati, Sita Ashok,Putravanti,Nilmohar,Behda planted. This activity was guided by Asst. Prof. Dipali Kamble and Asst. Prof. Vikas Waghmare.







PES's Modern Law College ★ Pune-16 ★

PRINCIPAL
P.E. Society's
Modern Law College

## Library Automation

For the automation of library we have purchased the "VRIDDHI" Software designed and developed by Hindustan Computers, incorporated in 1989, started with the main objective of providing the most trustworthy software development services as well as training and computer sales and services.

## Library Orientation and Student's involvement

Library orientation programme including online resources (N-List Consortium) and AIR database every year as a regular activity for student, staff as well as new users.

The Student who read all kind of books, magazine, news papers regularly, one who follows the all library rules sincerely. Good Academic performance of the student and his / her behaviour in library has considered. The Student has awarded with the Best Library User's who has fulfils above conditions.

## Exhibition of Books

Library organizes book exhibition every year as a regular activity for the staffs and students.

PATRON

**Prof. Dr. Gajanan Ekbote,**
Chairman, Business Council,
Progressive Education Society, Pune - 05

ADVISORY

**Prof. Shamkant Deshmukh,**
Secretary, Business Council,
Progressive Education Society, Pune - 05

**Prof. Jyotsna Ekbote,**
Joint Secretary, Business Council,
Progressive Education Society, Pune - 05

# 1st Technical Session Sustainable Development Goals

The inauguration of the Two Day National Seminar on 'Sustainable Development : Issues and Challenges' was held in the auspicious presence of Prof. Dr. Paramjeet Jaswal Sir, Vice Chancellor, Rajiv Gandhi National Law University and Prof. Dr. Nishta Jaswal madam,Vice Chancellor, Himachal Pradesh National Law University who were also the resource persons for the 1st technical session.

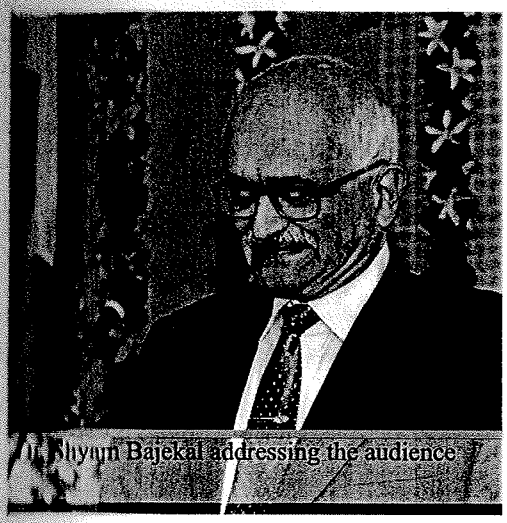


Dr. Paramjit Jaswal addressing the audience during the First Technical Session of the National Seminar on Sustainable Development: Issues and Challenges

The program began with the welcome address given by Prof. Dr. Sunita Adhav madam, Principal, Modern Law College. During the same she gave an insight about the formation, journey, challenges faced and the reputation earned by the Progressive Education Society and Modern Law College under the able guidance of Prof. Dr. Gajanan Ekbote Sir, Chairperson, Progressive Education Society. Prof. Dr. Sunita Adhav madam also mentioned that various conferences are being held on the topic of sustainable development and further conveyed the objective of the college in organizing this national seminar that of being true and faithful to the words 'Progressive' and 'Modern' as are included in the name of the

According to him we are having wrong notions of sustainable development as panels used in the solar system are indestructible, he also said use of e-vehicles will largely affect use of coal thus increasing it to a greater extent.

## 3rd Technical Session :- Environment Sustainability


Dr. Shyam Bajekal addressing the audience

Dr. Shyam Bajekal Sir, Emeritus Biodiversity Fellow, Maharashtra State Biodiversity Board was the resource person for the 3rd technical session. He stated that there are 4 pillars of sustainable development namely society, human, economy and environment. He described nature as a goose laying golden eggs which certainly reminded us of the story of the goose laying golden eggs who was killed by her owner because of his greed. He sharply pointed out extensive use of technology is making our nature ill because of which habitat loss, forest fires, et cetera take place. Further he gave information about ways of saving the nature wherein he gave an insight about the Biological Diversity Act, 2002 of India also mentioning about various conventions and protocols. He informed us about the ABS system i.e. Access to Biological Resources and Benefit Sharing which has proved to be a significant concept in India.

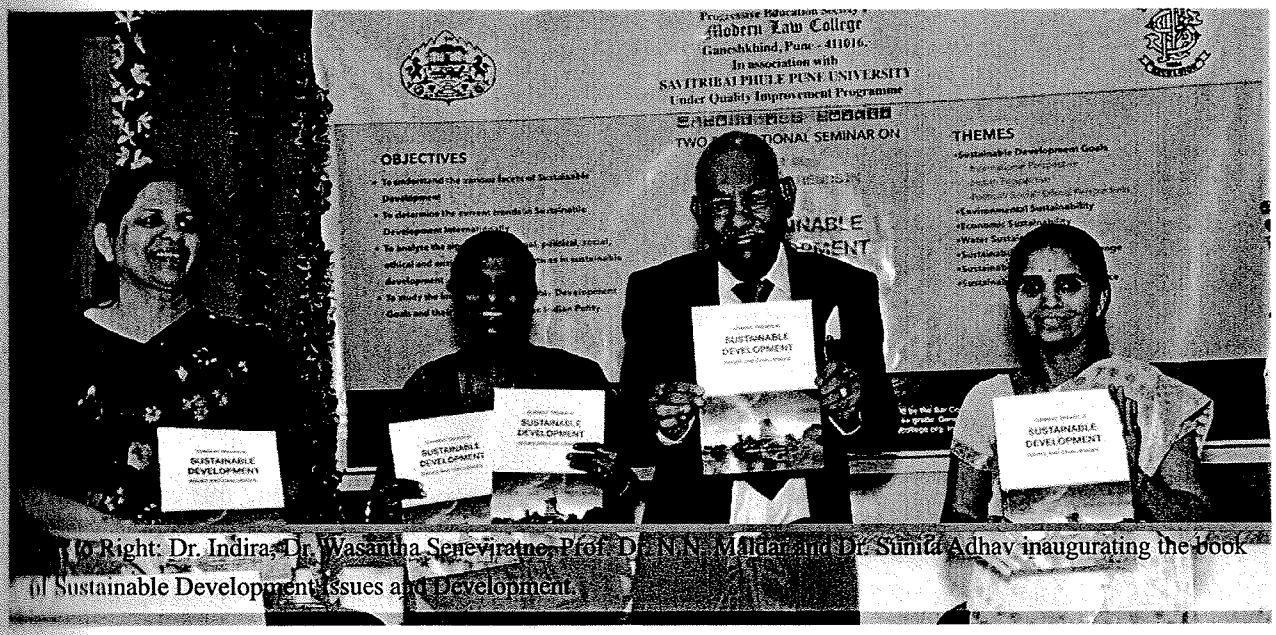
### 4th Technical Session :- Paper Presentation

After the 3rd technical session, paper presentations were welcomed. 7 presenters pursuing law were the ones who presented their papers. Our resource person Dr. Shyam Bajekal Sir congratulated all the presenters for choosing controversial topics and for being confident about their respective presentations.

# Day 2

## 6th Technical Session :- Sustainability and Climate Change

Dr. Priyadarshini Karve madam, Director, Samuchit Envirotech who was our second resource person in the 6th technical session of Day 2 started with her speech. She gave us a brief idea about Ecological Footprint. On the basis of calculation our Ecological Footprint is 1.3 times of our earth. The extra 30% is the unnecessary part is what she stated. In fact the ideal ecological footprint should either be 0.7 or 0.8 so that other species are able to use the resources. She stated that increasing population is




L to Right: Dr. Indira, Dr. Wasantha Seneviratne, Prof. Dr. N.N. Maldar and Dr. Sunita Adhav inaugurating the book of Sustainable Development: Issues and Development.

about the medicinal values/characteristics of plants available in India, the number of which exceeds 8000 and more than 50% of which are serving for primary healthcare. He presented before us a comparative study of two villages one of which had conserved their forest and another of which had destroyed it completely. The one without a forest faced drought for a very long period whereas the other having conserved their forest faced drought but only for 15 days. Also agricultural produce in the village without a forest had reduced over time but in the another village it was efficient.

## 8th Technical Session :- Paper Presentations

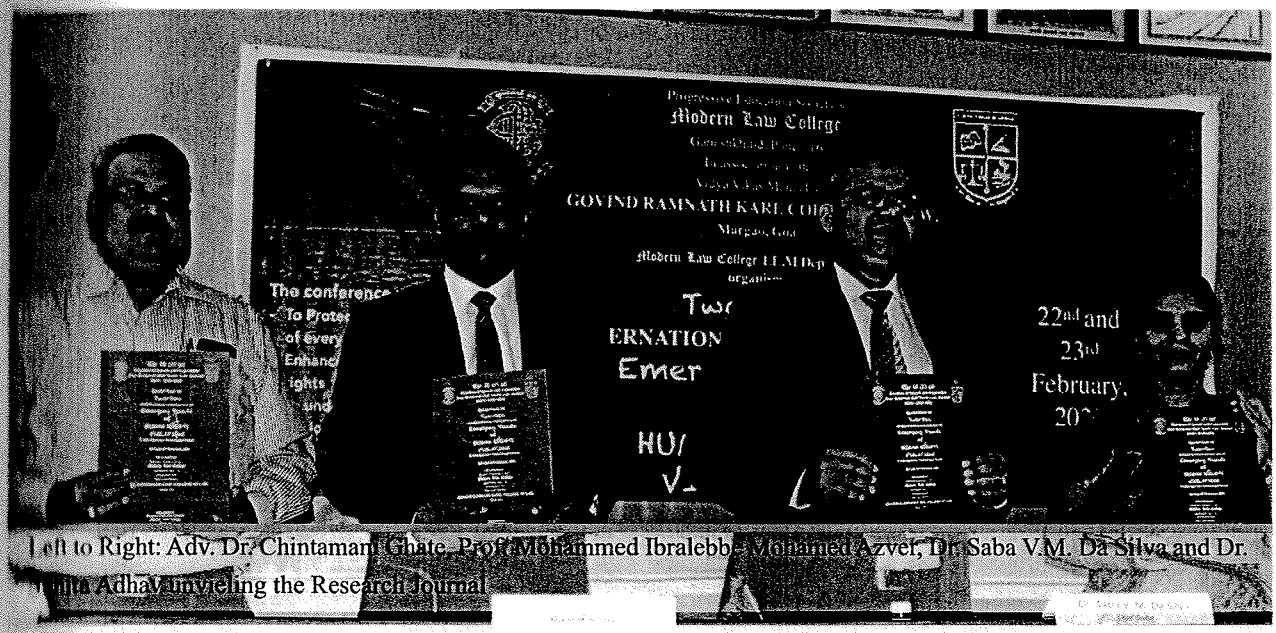
After the 7th Technical Session of Day 2, paper presentations were welcomed wherein 8 presenters from different backgrounds presented their respective papers. The resource person for our 7th Technical Session of Day 2 Dr. Ankur Patwardhan Sir congratulated all the paper presenters, appreciating each and every presenter for their unique and valuable thoughts.

## Valedictory Session

The guests of honor for the Valedictory session were Prof. Dr. N.N. Maldar Sir, Former Vice Chancellor, Punyashlok Ahilyabai Holkar Solapur University, Dr. Wasantha Seneviratne madam, Professor, Department of Law, University of Colombo, Sri Lanka and Prof. Dr. Indira madam were warmly welcomed. Dr. Wasantha madam coming all the way from Sri Lanka, beautifully expressed the relations of Sri Lanka with India. While doing so, she mentioned about various case laws from both India and Sri Lanka which had dealt with the issues affecting our environment.

Our next guest of honor Prof. Dr. N. N. Maldar Sir started with his speech. He talked about non-

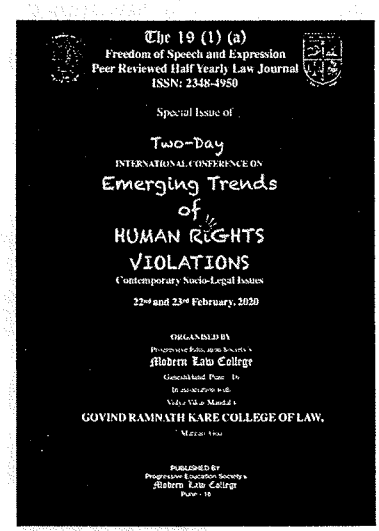
# International Conference on Emerging trends of Human Rights Violations: Contemporary Socio-Legal Issues




Left to Right: Adv. Dr. Chintamani Ghate, Prof. Mohammed Ibralebbe Mohamed Azvel, Dr. Saba V.M. Da Silva and Dr. Smita Adhav unveiling the Research Journal

Progressive Education Society's Modern Law College, Ganeshkhind, Pune in association with Vidya Vikas Mandal's Govind Ramnath Kare College of Law, Goa had organized Two Day International Conference on 'Emerging Trends of Human Rights Violations: Contemporary Socio-Legal Issues' on 22nd and 23rd February, 2020 at Modern Law College.

The objectives of Conference were to promote and protect human rights of every individual and to understand the human rights issues at national and international level. It intended to make a contribution to future oriented discourse that underpins the relevance of human rights to all stakeholders. The Conference provided an opportunity for participants to learn about the latest research, practices and trends in human rights education for application to their ongoing work. It also strengthened




Publication Cover of the Seminar Proceeding Journal ISBN: 978-81-929282-7-2

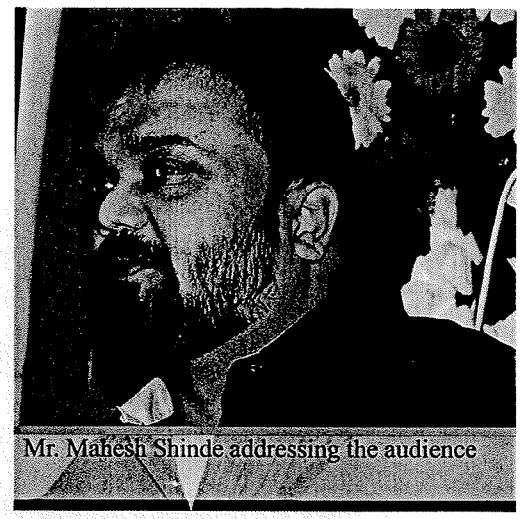
hunita Adhav, Principal of PES Modern Law College. Then Prof. Azver sir lightened up the students with his knowledge and Research on Human rights. He talked about various laws and acts done to control the violations of Human rights.

To Bring spark on the topic Ms. Kiran Moghe, she addresses the gathering by discussing the critical appraisal of human rights and its generation. She targeted on the domenstic workers and their rights. Then we started the parallel sessions for the paper presenters.

In the afternoon session, Mr. Pandurang Kotule sir and Dr. V.M. da Silva sir addresses the gathering by their knowledge and insights.

The speakers of the plenary session:

- Prof. Mohammed Ibralebbe Mohamed Azver, Programme manager cum Senior Lecturer, School of law British College of Applied Studies, Colombo.
- Mrs. Kiran Moghe, Social Activist
- Mr. Pandurang Kotule
- Dr. Saba V.M. Da Silva, Principal, Ramnath Kare College, Goa

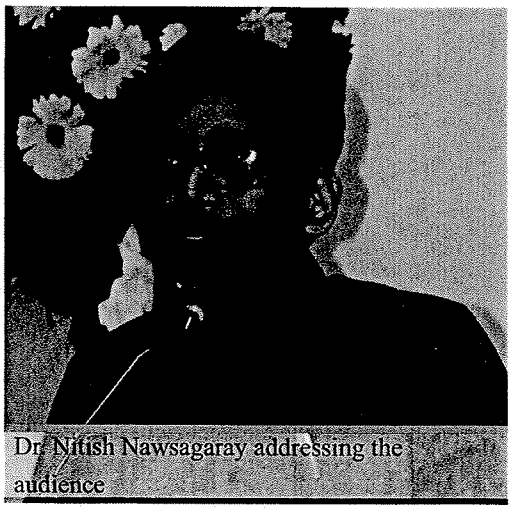

Mr. Mahesh Shinde addressing the audience

There were 31 paper presenters on first day. With this Prof. Ananya Bibave the vice principal of PES Modern Law College concluded the session by giving a brief description of Human rights.

## Day Two: 23rd February, 2020.

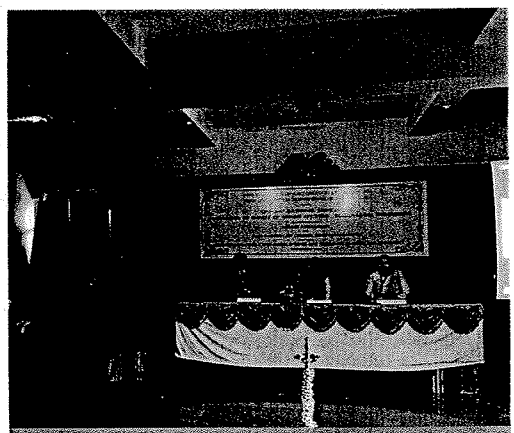
On the second day of the conference started with the welcome and introduction of the Resource persons. Then the plenary session started with speech of Dr. Nitish Nawsagaray sir. He discussed various dimensions of the human rights. Mahesh Shinde sir Briefing the Human rights and how it is related to todays's aspect with issues like CAA, Ayodhya verdict etc.

Then we are started the paper presentation session in parallel with the seminar proceedings.


Dr. Nitish Nawsagaray addressing the audience

# National Seminar Collaboration with G.R. Kare College, Goa

## National Seminar on Protection of Rights of Senior Citizens



Asst. Prof. Pratik Salgar of Modern Law College presenting paper

We as a part of Modern Law College got this opportunity to attend and collaborate with national seminar on protection of rights of senior citizens: socio-legal dimensions which was held on 18th January 2020 at G.R Kare College of Law, Goa which is in association of PES's Modern Law College, Pune. The main aim of the seminar was to discuss and create awareness amongst the citizens regarding the safety and protection and of rights of senior citizen.

The seminar was very interesting and gave us the opportunity to learn many new things which a common citizen may not be aware about. As a law student and an upcoming lawyer, we found out that it was a very enriching experience for us. We will describe briefly below some parts of the seminar.

- The webinar started by the welcoming of the chief guest Mr. Sawant by Dr. Saba Da Silva principal of Kare College of Law and by the coordinator of seminar Mrs. Shruti Nadkarni.
- The opening speech was given by Ms. Rozena a faculty of the college.
- Soon after the speech presenters where requested to be prepared and wait for their turn to present their research paper.
- The research papers presented where primarily focused on:
    - National and International laws which are meant for the protection of senior citizen
    - Physical, psychological and financial challenges faced by the senior citizen
    - Neglect and ill-treatment of senior citizen

Acc. Yr.

2020-21.

# Blog Writing Report 2020-2021

Date: 31st August 2021

As per the directions of the University Grants Commission, Modern Law College has established the **Gender Champions Club**. The promotion of Gender Equality is the primary purpose of creating this club. It is expected from this club to conduct activities by which the message of Gender Equality will reach all the strata of society. The college conducted an online Intra Collegiate Blog Writing Activity in August 2021. The topics for this activity revolved around the subject of Gender Equality. The themes for the competition were Gender Equality and Empowerment of Woman, Role of Society in promoting Gender Equality, Gender Discrimination: History and Culture, Gender Equality and Law.

Ten students of BA-LLB I participated in this activity where they submitted their original blog work to be published on the official college WordPress website. The blogs were screened and edited by **Asst Prof Akshay Ugale** and **Asst Prof Amal Varghese** for content alterations and grammatical refining. After the process, these blogs were published on the official college website.

Link of the Website – **mlcwrites.home.blog**

List of Students -

| Sr No | Name of the student | Class | Title of the blog |
|---|---|---|---|
| 1 | Nandini Singh | BA.LLB-I | Gender Awareness |
| 2 | Anish Shinde | BA.LLB-I | Gender Sensitisation |
| 3 | Gayatri Warekar | BA.LLB-I | Gender Equality |
| 4 | Aarti Inamdar | BA.LLB-I | Gender Equality |
| 5 | Aaditi Kulkarni | BA.LLB-I | Gender Sensitization |
| 6 | Shruti Singh | BA.LLB-I | Gender Sensitization |
| 7 | Prajwal Ubale | BA.LLB-I | Independent gender in independent country |
| 8 | Sumit Satav | BA.LLB-I | Gender Equality |
| 9 | Ankita Gupta | BA.LLB-I | Gender Awareness |
| 10 | Sayali Kukdolkar | BA.LLB-I | Gender Awareness: Need of Hour |
| 11 | Yash Tiwari | BA.LLB-I | LGBTQIAP+ : Invisible Genders |

PES

Modern Law College,

Ganeshkhind, Pune

Reports of Co-curricular and Extra- Curricular activities

https://modernlawcollege.org/aqar/ssr/academic-year-2020-21/criterion-3/criterion-3-5-1/

[Cross cutting issues –

Human Rts – International webinar on Fund Rts - 27th Feb 2021

Rural Development – national webinar on RERA – 16th Jan 2021]

PES's Modern Law College ★ Pune-16 ★

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P. E. Society's
Modern Law College
Ganeshkhind, Pune-16.

# ENVIRONMENTAL AUDIT REPORT

of

Progressive Education Society's
Modern Law College,
Pashan Road, Ganeshkhind, Pune

Year: 2020-21

Prepared by

Enrich Consultants,
Yashashree, 26, Nirmal Bag Society
Near Muktangan English School, Parvati, Pune 411009
Cell: 09890444795 Email: enrichcons@gmail.com

**Enrich Consultants**
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Near Muktangan English School, Parvati, Pune 411 009
Tel: 09890444795 Email: enrichcons@gmail.com

Ref: EC/PESMLC/20-21/03 Date: 12/8/2021

## CERTIFICATE

This is to certify that we have conducted Environmental Audit at Progressive Education Society's Modern Law College, Ganeshkhind, Pune in the year 2020-21.

The College has adopted following Environmental Friendly practices:

- Usage of Energy Efficient LED Lighting
- Installation of **5** kW Hybrid Roof Top Solar PV/Wind Power Plant.
- Installation of Bio Composting Tumbler Unit
- Installation of Rain Water Harvesting System
- Maintenance of internal Garden

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

**For Enrich Consultants,**

**A Y Mehendale,**
Certified Energy Auditor
EA-8192

## ACKNOWLEDGEMENT

We at Enrich Consultants, Pune, express our sincere gratitude to the management of Progressive Education Society's Modern Law College, Pune for awarding us the assignment of Environmental Audit of their Ganeshkhind campus for the Year: 2020-21.

We are thankful to:

- Dr. Sunita Adhav, Principal
- Mr. Pawan Kalwala, Assistant Professor

We are also thankful to various Head of Departments & other Staff members for helping us during the field study.

## 8. Waste Management:

### 8.1 Solid Waste Management:

The waste generated is segregated at source. The bio degradable waste is composted in a Bio composting tumbler unit and the fertilizer is used for own garden.

### 8.2 E-Waste Management:

The E-Waste generated is disposed of through Authorized vendors.

## 9. Rain Water Harvesting:

The College has installed Rainwater Harvesting System to collect the Rain Water collected at the Terrace which is used for enriching the ground water level.

## 10. Notes & Assumptions:

1. 1 Unit of Electrical Energy releases 0.9 Kg of $CO_2$ into atmosphere
2. 1 kWp Solar PV system generates 4 kWh of Electrical Energy per Day
3. Annual Solar Energy Generation Days: 300 Nos

## 11. References:

- For $CO_2$ Emissions: www.tatapower.com
- For Energy Generated by Solar PV Plant: www.solarrooftop.gov.in
- For Various Indoor Air Parameters: www.ishrae.com
- For AQI & Water Quality Standards: www.cpcb.com

# CHAPTER-I
# INTRODUCTION

## 1.1 Important Definitions:

### 1.1.1 Environment: Definition as per environment Protection Act: 1986

Environment includes water, air and land and the inter-relationship which exists among and between Water, Air, Land and Human beings, other living creatures, plants microorganism and property

### 1.1.2. Environmental Audit: Definition:

An audit which aims at verification and validation to ensure that various environmental laws are compiled with and adequate care has been taken towards environmental protection and preservation

*According to UNEP, 1990, "Environmental audit can be defined as a management tool comprising systematic, documented and periodic evaluation of how well environmental organization management and equipment are performing with an aim of helping to regularize the environment*

**1.1.3. Environmental Pollutant:** means any solid, liquid and gaseous substance present in the concentration as may be, or tend to be, injurious to Environment.

### 1.1.4. Relevant Environmental Laws in India: Table No-1:

| | |
|---|---|
| 1927 | The Indian Forest Act |
| 1972 | The Wildlife Protection Act |
| 1974 | The Water (Prevention and Control of Pollution) Act |
| 1977 | The Water (Prevention & Control of Pollution) Cess Act |
| 1980 | The Forest (Conservation) Act |
| 1981 | The Air (Prevention and Control of Pollution) Act |
| 1986 | The Environment Protection Act |
| 1991 | The Public Liability Insurance Act |
| 2002 | The Biological Diversity Act |
| 2010 | The National Green Tribunal Act |

### 1.1.5. Some Important Environmental Rules in India: Table No-2:

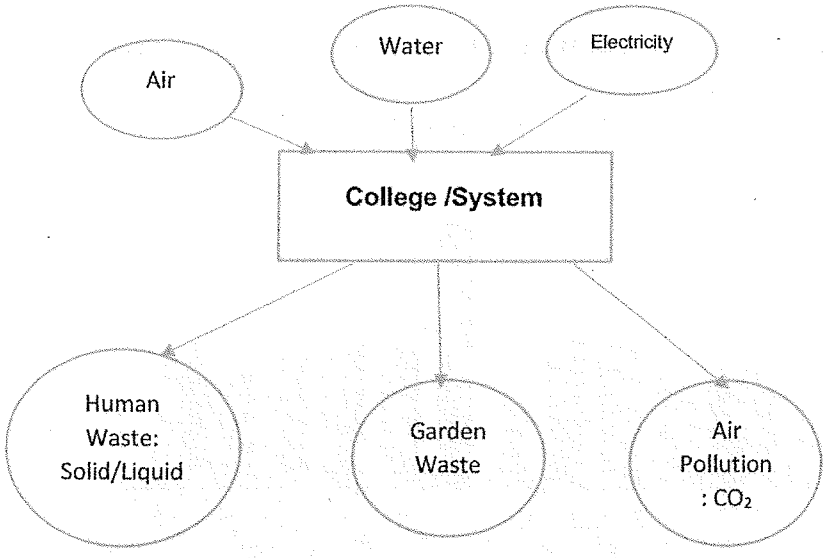
| | |
|---|---|
| 1989 | Hazardous Waste (Management and Handling) Rules |
| 1989 | Manufacture, Storage and Import of Hazardous Chemical Rules |
| 2000 | Municipal Solid Waste (Management and Handling) Rules |
| 1998 | The Biomedical Waste (Management and Handling) Rules |
| 1999 | The Environment (Siting for Industrial Projects) Rules |
| 2000 | Noise Pollution (Regulation and Control) Rules |
| 2000 | Ozone Depleting Substances (Regulation and Control) Rules |
| 2011 | E-waste (Management and Handling) Rules |
| 2011 | National Green Tribunal (Practices and Procedure) Rules |
| 2011 | Plastic Waste (Management and Handling) Rules |

# CHAPTER-II
# STUDY OF CONSUMPTION OF RESOURCES AND CO2 EMISSION

The College consumes following basic/derived Resources:

1. Air
2. Water
3. Electrical Energy

We try to draw a schematic diagram for the College System & Environment as under.




Now we compute the Generation of CO2 on account of consumption of Electrical Energy.

The basis of Calculation for $CO_2$ emissions due to LPG & Electrical Energy are as under

- 1 Unit (kWh) of Electrical Energy releases **0.9 Kg of $CO_2$** into atmosphere

**Table No 5: Study of Consumption of Electrical Energy & $CO_2$ Emissions: 20-21:**

| No | Month | Energy Consumed, kWh | CO2 Emissions, MT |
|---|---|---|---|
| 1 | Jul-20 | 630 | 0.57 |
| 2 | Aug-20 | 815 | 0.73 |
| 3 | Sep-20 | 759 | 0.68 |
| 4 | Oct-20 | 950 | 0.86 |
| 5 | Nov-20 | 975 | 0.88 |
| 6 | Dec-20 | 780 | 0.70 |
| 7 | Jan-21 | 1830 | 1.65 |
| 8 | Feb-21 | 923 | 0.83 |

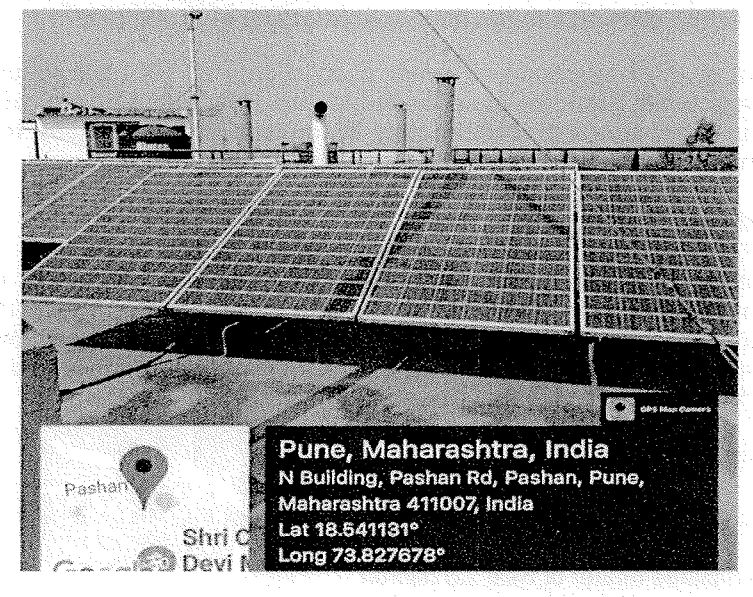
# CHAPTER-III
# STUDY OF $CO_2$ EMISSION REDUCTION

The College has installed **5 kWp** Roof Top Solar PV Plant.
In the following Table, we compute the reduction in $CO_2$ emission due to Solar PV Plant.

**Table No 7: Computation of Reduction in $CO_2$ Emissions:**

| No | Particulars | Value | Unit |
|---|---|---|---|
| 1 | Capacity of Roof Top Solar PV Capacity | 5 | kWp |
| 2 | Average Daily Energy generated per kWp | 4 | kWh/kWp |
| 3 | Annual Energy Generation Days | 300 | Nos |
| 4 | Annual Energy Generated by Solar PV Plant | **6000** | kWh |
| 5 | 1 kWh of Electrical Energy is equivalent to | 0.9 | Kg of $CO_2$ |
| 6 | Reduction in Annual $CO_2$ Emission = (0.8) * (4) /1000 | **5.4** | **MT** |

**Photograph of Roof Top Solar PV Plant:**




PES's Modern Law College ★ Pune-16 ★



ENRICH CONSULTANTS Pune

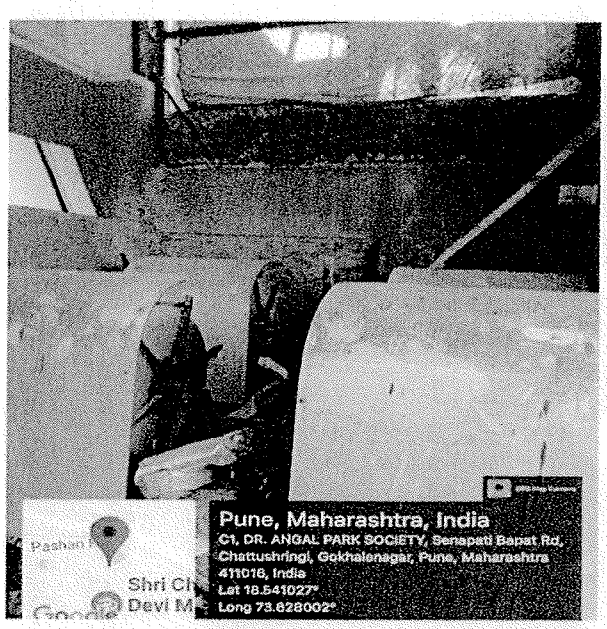
| | | | | |
|---|---|---|---|---|
| 3 | Library | 320 | 150 | 172 |
| 4 | Reading Hall | 321 | 145 | 166 |
| 5 | Staff Room | 323 | 158 | 175 |
| | | | | |
| | **First Floor** | | | |
| 1 | Moot Court Hall | 210 | 98 | 102 |
| 2 | L-7 BA LLB-III | 318 | 142 | 157 |
| 3 | L-6 BALLB-II | 316 | 150 | 169 |
| 4 | L-5 BALLB | 319 | 139 | 156 |
| 5 | L-4 BALLB-I | 313 | 136 | 156 |
| | | | | |
| | **Second Floor** | | | |
| 1 | L-8 BALLB-III | 313 | 138 | 154 |
| 2 | L-9 BALLB-IV | 310 | 133 | 156 |
| 3 | L-10 LR | 270 | 109 | 127 |
| 4 | Passage | 293 | 123 | 148 |
| | | | | |
| | **Third Floor** | | | |
| 1 | L-11 BALLB IV | 304 | 126 | 141 |
| 2 | L-12 BALLB IV | 293 | 110 | 145 |
| 3 | L-14 BA LLB-II | 260 | 111 | 124 |
| 4 | L-16 BALLB-II | 307 | 129 | 145 |
| 5 | L-15 BALLB-I | 305 | 129 | 152 |
| | Maximum | **323** | **172** | **184** |
| | Minimum | **210** | **98** | **102** |

# CHAPTER VI
# STUDY OF WASTE MANAGEMENT

## 6.1 Solid Waste Management:

The College has already installed a Bio composting Unit, wherein, the bio-degradable waste is composted & is used as fertilizer for the garden.

**Photograph of Bio Composting Tumbler Unit:**




## 6.2 E-Waste Management:

The E-Waste generated is disposed of through Authorized Vendor.

.

# CHAPTER-VIII
# STUDY OF ENVIRONMENT FRIENDLY INITIATIVES

## 8.1 Green Landscaping with Trees and Plants:

The College has well maintained internal garden.

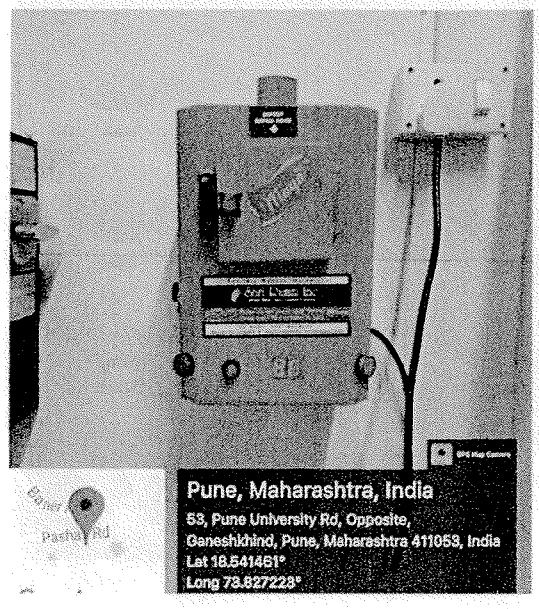
**Photograph of Internal Garden:**



## 8.2 Sanitary Pad Dispenser and Sanitary Waste Incinerator:

The College has installed Sanitary Pad Dispenser as well as Sanitary Waste Incinerator.

**Photograph of Sanitary Pad Dispenser & Incinerator:**



# ANNEXURE-I:
# VARIOUS AIR QUALITY, WATER QUALITY, NOISE & INDOOR COMFORT STANDARDS:

## 1. Category Wise Air Quality Index Values & Concentration of PM 2.5 & PM10:

| No | Category | AQI Value | Concentration Range, PM 2.5 | Concentration Range, PM 10 |
|---|---|---|---|---|
| 1 | Good | 0 to 50 | 0 to 30 | 0 to 50 |
| 2 | Satisfactory | 51 to 100 | 31 to 60 | 51 to 100 |
| 3 | Moderately Polluted | 101 to 200 | 61 to 90 | 101 to 250 |
| 4 | Poor | 201 to 300 | 91 to 120 | 251 to 350 |
| 5 | Very Poor | 301 to 400 | 121 to 250 | 351 to 430 |
| 6 | Severe | 401 to 500 | 250 + | 430 + |

## 2. Recommended Water Quality Standards:

| No | Designated Best Use | Criteria |
|---|---|---|
| 1 | Drinking Water Source without conventional Treatment but after disinfection | pH between **6.5 to 8.5**<br>Dissolved Oxygen **6 mg/l or more** |
| 2 | Drinking water source after conventional treatment and disinfection | pH between **6 to 9**<br>Dissolved Oxygen **4 mg/l or more** |
| 3 | Outdoor Bathing (Organized) | pH between **6.5 to 8.5**<br>Dissolved Oxygen **5 mg/l or more** |
| 4 | Controlled Waste Disposal | pH between **6 to 8.5** |

PES's Modern Law College ★ Pune 16 ★



ENRICH CONSULTANTS PUNE

# ENERGY AUDIT REPORT

Of

Progressive Education Society's
Modern Law College,
Pashan Road, Ganeshkhind, Pune

Year: 2020-21

Prepared by

Enrich Consultants,
Yashashree, 26, Nirmal Bag Society,
Near Muktangan English School, Parvati, Pune 411009
Phone: 09890444795 Email: enrichcons@gmail.com

**Enrich Consultants**

Yashashree, 26, Nirmal Bag Society,
Near Muktangan English School, Parvati, Pune 411 009
Tel: 09890444795 Email: enrichcons@gmail.com

Ref: EC/PESMLC/20-21/01 Date: 12/8/2021

## CERTIFICATE

This is to certify that we have conducted Energy Audit at Progressive Education Society's Modern Law College, Ganeshkhind, Pune in the year 2020-21.

The College has already adopted following Energy Efficient practices:

- Usage of Energy Efficient LED Fittings
- Usage of Energy Efficient BEE STAR Rated equipment
- Installation of **5 kWp** Roof Top Solar PV Plant.

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

**For Enrich Consultants,**

**A Y Mehendale,**
Certified Energy Auditor
EA-8192

# ACKNOWLEDGEMENT

We Enrich Consultants, Pune, express our sincere gratitude to the management of Progressive Education Society's Modern Law College, Pune, for awarding us the assignment of Energy Audit of their Ganeshkhind campus for the Year: 2020-21.

We are thankful to:

- Dr. Sunita Adhav, Principal
- Mr. Pawan Kalwala, Assistant Professor

We are also thankful to all Staff members for helping us during the field study.

# CHAPTER-I
# INTRODUCTION

## 1.1 Objectives:

1. To study present Energy Consumption
2. To Study the present $CO_2$ emissions
3. To study Usage of Renewable Energy
4. To study Usage of LED Lighting

## 1.2 Table No-1: General Details of College:

| No | Head | Particulars |
|---|---|---|
| 1 | Name | Progressive Education Society's Modern Law College |
| 2 | Address | Pashan Road, Ganeshkhind, Pune |
| 3 | Year of Establishment | 2003 |
| 4 | Affiliation | Savitribai Phule Pune University |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **First Floor** | | | | | | | |
| No | Location | | | | | | | |
| 1 | Staircase | | | 1 | | | | |
| 2 | Placement Cell | | | | | 1 | | |
| 3 | Passage | | | 2 | | | | |
| 4 | L-4 | | | 8 | | 4 | | |
| 5 | L-5 | | | 7 | | 5 | | |
| 6 | Moot Court Hall | 8 | 1 | | 2 | 6 | 3 | |
| 7 | Passage | | | 3 | | | | |
| 8 | Ladies Toilet | | 6 | | | 1 | | |
| 9 | Gents Toilet | | 4 | 1 | | 1 | | |
| 10 | L-6 | | | 5 | | 5 | | |
| 11 | L-7 | | | 6 | | 5 | | |
| | | | | | | | | |
| | **Second Floor** | | | | | | | |
| No | Location | | | | | | | |
| 1 | Passage | 7 | | 1 | | | | |
| 2 | L-8 | 4 | | 1 | | 3 | | |
| 3 | L-9 | 5 | | | | 3 | | |
| 4 | L-10 | 5 | | | | 6 | | |
| 5 | Ladies Toilet | 3 | | 1 | | 3 | | |
| 6 | Gents Toilet | 2 | | | | | | |
| | | | | | | | | |
| | **Third Floor** | | | | | | | |
| No | Location | | | | | | | |
| 1 | Passage | 2 | | | | | | |
| 2 | L-11 | 6 | | | | 3 | | |
| 3 | L-12 | 6 | | | | 3 | | |
| 4 | L-13 | 6 | | | | 3 | | |
| 5 | Ladies Toilet | 2 | | | | | | |
| 6 | Gents Toilet | 2 | | | | | | |
| | **Total** | **78** | **90** | **64** | **18** | **92** | **7** | **23** |

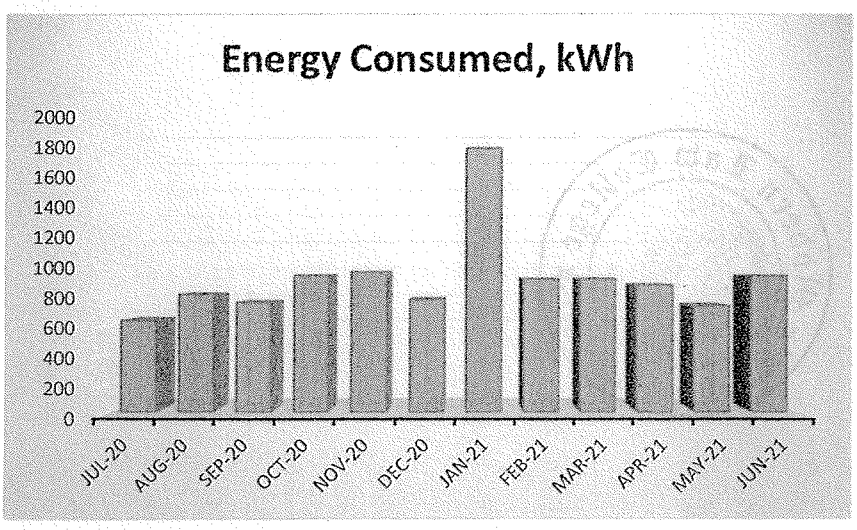
# CHAPTER-III
# STUDY OF ELECTRICAL ENERGY CONSUMPTION

In this chapter, we present the analysis of last year Electricity Energy Consumption

**Table No 4: Electrical Energy Consumption Analysis- 2020-21:**

| No | Month | Energy Consumed, kWh |
|---|---|---|
| 1 | Jul-20 | 630 |
| 2 | Aug-20 | 815 |
| 3 | Sep-20 | 759 |
| 4 | Oct-20 | 950 |
| 5 | Nov-20 | 975 |
| 6 | Dec-20 | 780 |
| 7 | Jan-21 | 1830 |
| 8 | Feb-21 | 923 |
| 9 | Mar-21 | 926 |
| 10 | Apr-21 | 883 |
| 11 | May-21 | 738 |
| 12 | Jun-21 | 948 |
| 13 | Total | 11157 |
| 14 | Maximum | 1830 |
| 15 | Minimum | 630 |
| 16 | Average | 929.75 |

**Chart No-2: To study the variation of Month wise Energy Consumption, kWh:**



# CHAPTER-IV
# CARBON FOOTPRINTING

**4.1 A Carbon Foot print** is defined as the Total Greenhouse Gas emissions, emitted due to various activities.

In this we compute the emissions of Carbon-Di-Oxide, by usage of the various forms of Energy used by the College for performing its day to day activities

The College uses Electrical Energy for various Electrical gadgets.

**4.2 Basis for computation of $CO_2$ Emissions:**

The basis of Calculation for $CO_2$ emissions due to Electrical Energy are: 1 Unit (kWh) of Electrical Energy releases **0.9 Kg of $CO_2$** into atmosphere

Based on the above Data we compute the $CO_2$ emissions which are being released in to the atmosphere by the College due to its Day to Day operations

**4.3 Table No 6: Month wise $CO_2$ Emissions:**

| No | Month | Energy Consumed, kWh | CO2 Emissions, MT |
|---|---|---|---|
| 1 | Jul-20 | 630 | 0.57 |
| 2 | Aug-20 | 815 | 0.73 |
| 3 | Sep-20 | 759 | 0.68 |
| 4 | Oct-20 | 950 | 0.86 |
| 5 | Nov-20 | 975 | 0.88 |
| 6 | Dec-20 | 780 | 0.70 |
| 7 | Jan-21 | 1830 | 1.65 |
| 8 | Feb-21 | 923 | 0.83 |
| 9 | Mar-21 | 926 | 0.83 |
| 10 | Apr-21 | 883 | 0.79 |
| 11 | May-21 | 738 | 0.66 |
| 12 | Jun-21 | 948 | 0.85 |
| 13 | Total | 11157 | 10.04 |
| 14 | Maximum | 1830 | 1.65 |
| 15 | Minimum | 630 | 0.57 |
| 16 | Average | 929.75 | 0.84 |

# CHAPTER-V
# STUDY OF USAGE OF ALTERNATE ENERGY

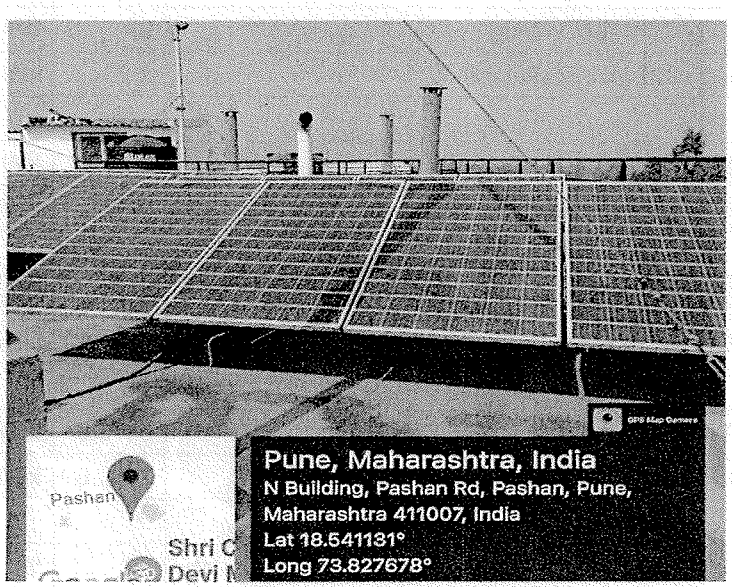
The College has installed **5 kWp** Roof Top Solar PV Plant.

In the following Table, we compute the % usage of Alternate Energy to Annual Energy Demand.

**Table No 8: Computation of % Usage of Alternate Energy:**

| No | Particulars | Value | Unit |
|---|---|---|---|
| 1 | Capacity of Roof Top Solar PV Capacity | 5 | kWp |
| 2 | Average Daily Energy generated per kWp | 4 | kWh/kWp |
| 3 | Annual Energy Generation Days | 300 | Nos |
| 4 | Annual Energy Generated by Solar PV Plant | **6000** | kWh |
| | | | |
| 5 | Energy purchased from MSEDCL | **11157** | kWh |
| 6 | Total Energy Requirement = (4) + (5) | **17157** | kWh |
| | | | |
| 7 | % of Usage of Alternate Energy to Annual Energy Demand = (4) * 100 / (6) | **35** | % |

**Photograph of Roof Top Solar PV Plant:**



# GREEN AUDIT REPORT

of

Progressive Education Society's
Modern Law College,
Pashan Road, Ganeshkhind, Pune

Year: 2020-21


Prepared by

Enrich Consultants,
Yashashree, 26, Nirmal Bag Society
Near Muktangan English School, Parvati, Pune 411009
Cell: 09890444795 Email: enrichcons@gmail.com

MAHARASHTRA ENERGY DEVELOPMENT AGENCY

An ISO 9001 : 2000 Reg. no. : RQ 91 / 2462


# Maharashtra Energy Development Agency

(Government of Maharashtra Institution)
Aundh Road, Opposite Spicer College Road, Near Commissionerate of Animal Husbandary,
Aundh, Pune, Maharashtra 411067
Ph No: 020-35000450
Email: eee@mahaurja.com, Web: www.mahaurja.com


ECN/2021-22/CR-14/1577 — 22nd April, 2021

## CERTIFICATE OF REGISTRATION
## FOR CLASS 'A'

We hereby certify that, the firm having following particulars is registered with *MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA)* under given category as "Energy Planner & Energy Auditor" in Maharashtra for Energy Conservation Programme of MEDA.

| | | |
|---|---|---|
| **Name and Address of the firm** | : | **M/s Enrich Consultants**<br>Yashashree, Plot No. 26, Nirmal Bag Society,<br>Near Muktangan English School, Parvati,<br>Pune - 411009. |
| **Registration Category** | : | *Empanelled Consultant for Energy Conservation Programme for Class 'A'* |
| **Registration Number** | : | *MEDA/ECN/2021-22/Class A/EA-03* |

- Energy Conservation Programme intends to identify areas where wasteful use of energy occurs and to evaluate the scope for Energy Conservation and take concrete steps to achieve the evaluated energy savings.
- MEDA reserves the right to visit at any time without giving prior information to verify quarterly activities performed by the firm and canceling the registration, if the information is found incorrect.
- This empanelment is valid till **21st April, 2023** from the date of registration, to carry out energy audits under the Energy Conservation Programme
- The Director General, MEDA reserves the right to cancel the registration at any time without assigning any reasons thereof.

General Manager (EC)

# Enrich Consultants

Yashashree, 26, Nirmal Bag Society,
Near Muktangan English School, Parvati, Pune 411 009
Tel: 09890444795 Email: enrichcons@gmail.com


Ref: EC/PESMLC/20-21/02 Date: 12/8/2021

## CERTIFICATE

This is to certify that we have conducted Green Audit at Progressive Education Society's Modern Law College, Ganeshkhind, Pune in the year 2020-21.

The College has adopted following Energy Efficient and Green practices:

- Usage of Energy Efficient LED Lighting
- Usage of BEE STAR Rated equipment
- Installation of **5 kWp** Roof Top Solar PV Power Plant.
- Installation of Bio Composting Tumbler Unit
- Installation of Rain Water Harvesting System
- Maintenance of good Internal Roads
- Maintenance of Garden in the Campus

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

**For Enrich Consultants,**

**A Y Mehendale,**
Certified Energy Auditor
EA-8192

# INDEX


| Sr. No | Particulars | Page No |
|---|---|---|
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| 2 | Study of Present Energy Consumption | 10 |
| 3 | Carbon Foot printing | 12 |
| 4 | Study of Usage of Renewable Energy | 14 |
| 5 | Study of Waste Management | 15 |
| 6 | Study of Rain Water Harvesting | 16 |
| 7 | Study of Green Practices | 17 |

## ACKNOWLEDGEMENT

We Enrich Consultants, Pune, express our sincere gratitude to the management of Progressive Education Society's Modern Law College, Pune for awarding us the assignment of Green Audit of their Ganeshkhind campus for the Year: 2020-21.

We are thankful to:

- Dr Sunita Adhav, Principal
- Mr. Pawan Kalwala, Assistant Professor

We are also thankful to various Head of Departments & other Staff members for helping us during the field study.

# EXECUTIVE SUMMARY

1. Modern Law College, Ganeshkhind, Pune consumes Energy in the form of Electrical Energy used for various gadgets, Office & other facilities.

2. Present Level of Energy Consumption & $CO_2$ Emission:

| No | Parameter/ Value | Energy consumed, kWh | $CO_2$ emissions, MT |
|---|---|---|---|
| 1 | Total | 11157 | 10.04 |
| 2 | Maximum | 1830 | 1.65 |
| 3 | Minimum | 630 | 0.57 |
| 4 | Average | 929.75 | 0.84 |

3. Various Majors Adopted for Energy Conservation:

The various projects already implemented by the College are

- Usage of Energy Efficient LED fittings
- Usage of BEE STAR Rated ACs
- Installation of 5 kWp Roof top Solar PV Plant

4. Usage of Renewable Energy & $CO_2$ Emission Reduction:

- The College has installed 5 kWp Roof Top Solar PV Plant.
- The Energy generated by the Plant is 6000 kWh per annum.
- The Reduction in $CO_2$ Emissions is 5.4 MT per annum.

5. Waste Management:

5.1 Solid Waste Management:

The waste generated is segregated at source. The bio degradable waste is composted in a Bio composting tumbler unit and the fertilizer is used for own garden.

5.2 E-Waste Management:

The E-Waste generated is disposed of through Authorized vendors.

6. Rain Water Harvesting:

The College has installed Rainwater Harvesting System to collect the Rain Water collected at the Terrace which is used for enriching the ground water level.

7. Green & Sustainable Practices:

- Maintenance of Good internal roads
- Maintenance of Landscaped garden
- Provision of Ramp & Dedicated Wash room for Divyangajan

- Provision of Sanitary Pad Dispenser and Sanitary Waste Incinerator
- Awareness creation on Energy & Water Conservation by display of posters

## 8. Notes & Assumptions:

1. 1 kWh of Electrical Energy releases 0.9 Kg of $CO_2$ into atmosphere
2. 1 kWp Solar PV system generates 4 kWh of Electrical Energy per Day
3. Annual Solar Energy Generation Days: 300 Nos.

## 9. References:

1. For $CO_2$ Emissions: www.tatapower.com
2. For Solar PV Energy Generation: www.solarrooftop.gov.in

# ABBREVIATIONS

| | | |
|---|---|---|
| AC | : | Air conditioner |
| CFL | : | Compact Fluorescent Lamp |
| FTL | : | Fluorescent Tube Light |
| LED | : | Light Emitting Diode |
| kWh | : | kilo-Watt Hour |
| Qty | : | Quantity |
| W | : | Watt |
| kW | : | Kilo Watt |
| PF | : | Power Factor |
| M D | : | Maximum Demand |
| PC | : | Personal Computer |
| MT | : | Metric Ton |

# CHAPTER-I
# INTRODUCTION

## 1.1 Objectives:

1. To study present Energy Consumption
2. To Study the present $CO_2$ emissions
3. To study usage of Renewable Energy
4. To study Waste Management
5. To study rain water harvesting
6. To stud Green Practices

## 1.2 Table No-1: General Details of College:

| No | Head | Particulars |
|---|---|---|
| 1 | Name | Progressive Education Society's Modern Law College |
| 2 | Address | Pashan Road, Ganeshkhind, Pune |
| 3 | Year of Establishment | 2003 |
| 4 | Affiliation | Savitribai Phule Pune University |

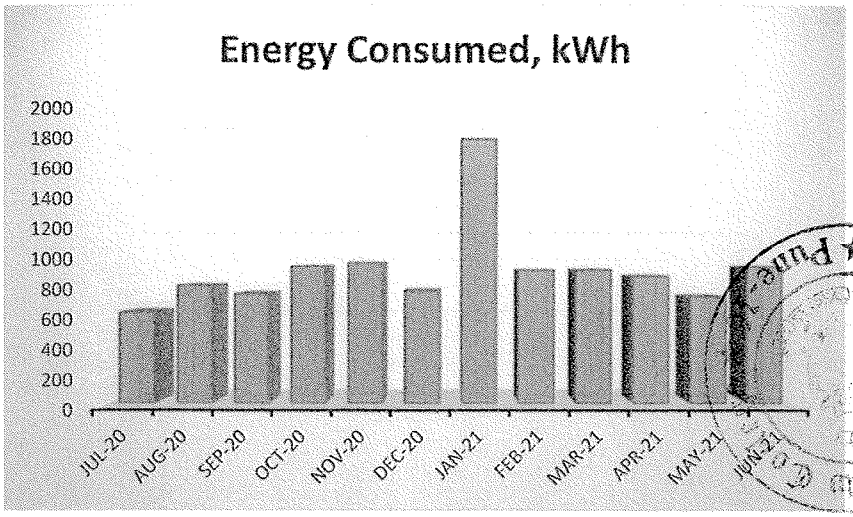
# CHAPTER-II
# STUDY OF ELECTRICAL ENERGY CONSUMPTION

In this chapter, we present the analysis of last year Electricity Energy Consumption

**Table No 2: Electrical Energy Consumption Analysis- 2020-21:**

| No | Month | Energy Consumed, kWh |
|---|---|---|
| 1 | Jul-20 | 630 |
| 2 | Aug-20 | 815 |
| 3 | Sep-20 | 759 |
| 4 | Oct-20 | 950 |
| 5 | Nov-20 | 975 |
| 6 | Dec-20 | 780 |
| 7 | Jan-21 | 1830 |
| 8 | Feb-21 | 923 |
| 9 | Mar-21 | 926 |
| 10 | Apr-21 | 883 |
| 11 | May-21 | 738 |
| 12 | Jun-21 | 948 |
| 13 | Total | 11157 |
| 14 | Maximum | 1830 |
| 15 | Minimum | 630 |
| 16 | Average | 929.75 |

**Chart No-2: To study the variation of Month wise Energy Consumption, kWh:**



**Key observations:**

**Table No 5: Important parameters:**

| No | Parameter | Energy consumed, kWh |
|---|---|---|
| 1 | Total | 11157 |
| 2 | Maximum | 1830 |
| 3 | Minimum | 630 |
| 4 | Average | 929.75 |

# CHAPTER-III
# CARBON FOOTPRINTING

**3.1 A Carbon Foot print** is defined as the Total Greenhouse Gas emissions, emitted due to various activities.

In this we compute the emissions of Carbon-Di-Oxide, by usage of the various forms of Energy used by the College for performing its day to day activities

The College uses Electrical Energy for various Electrical gadgets.

**3.2 Basis for computation of $CO_2$ Emissions:**

The basis of Calculation for $CO_2$ emissions due to Electrical Energy are: 1 Unit (kWh) of Electrical Energy releases **0.9 Kg of $CO_2$** into atmosphere

Based on the above Data we compute the $CO_2$ emissions which are being released in to the atmosphere by the College due to its Day to Day operations

**3.3 Table No 4: Month wise $CO_2$ Emissions:**

| No | Month | Energy Consumed, kWh | CO2 Emissions, MT |
|---|---|---|---|
| 1 | Jul-20 | 630 | 0.57 |
| 2 | Aug-20 | 815 | 0.73 |
| 3 | Sep-20 | 759 | 0.68 |
| 4 | Oct-20 | 950 | 0.86 |
| 5 | Nov-20 | 975 | 0.88 |
| 6 | Dec-20 | 780 | 0.70 |
| 7 | Jan-21 | 1830 | 1.65 |
| 8 | Feb-21 | 923 | 0.83 |
| 9 | Mar-21 | 926 | 0.83 |
| 10 | Apr-21 | 883 | 0.79 |
| 11 | May-21 | 738 | 0.66 |
| 12 | Jun-21 | 948 | 0.85 |
| 13 | Total | 11157 | 10.04 |
| 14 | Maximum | 1830 | 1.65 |
| 15 | Minimum | 630 | 0.57 |
| 16 | Average | 929.75 | 0.84 |



PES's Modern Law College Pune-16
ENRICH CONSULTANTS Pune

**Chart No 2: Representation of Month wise $CO_2$ emissions:**

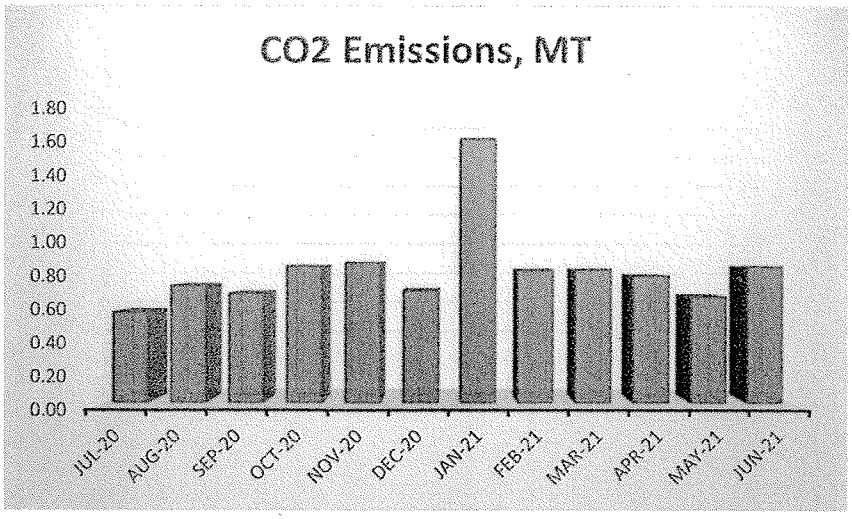



**Table No 5: Key observations:**

| No | Parameter | Energy consumed, kWh | CO2 emissions, MT |
|---|---|---|---|
| 1 | Total | 11157 | 10.04 |
| 2 | Maximum | 1830 | 1.65 |
| 3 | Minimum | 630 | 0.57 |
| 4 | Average | 929.75 | 0.84 |

# CHAPTER-IV
# STUDY OF USAGE OF RENEWABLE ENERGY

The College has installed **5 kWp** Roof Top Solar PV Plant.

In the following Table, we compute the Energy generated and reduction in CO2 Emissions.

**Table No 6: Computation of Reduction in $CO_2$ Emissions due to 5 kWp Solar PV Plant:**

| No | Particulars | Value | Unit |
|---|---|---|---|
| 1 | Capacity of Roof Top Solar PV Capacity | 5 | kWp |
| 2 | Average Daily Energy generated per kWp | 4 | kWh/kWp |
| 3 | Annual Energy Generation Days | 300 | Nos |
| 4 | Annual Energy Generated by Solar PV Plant | **6000** | kWh |
| 5 | 1 kWh of Electrical Energy is equivalent to | 0.9 | Kg of $CO_2$ |
| 6 | Reduction in Annual $CO_2$ Emission = (0.8) * (4) /1000 | **5.4** | **MT** |

**Photograph of Roof Top Solar PV Plant:**

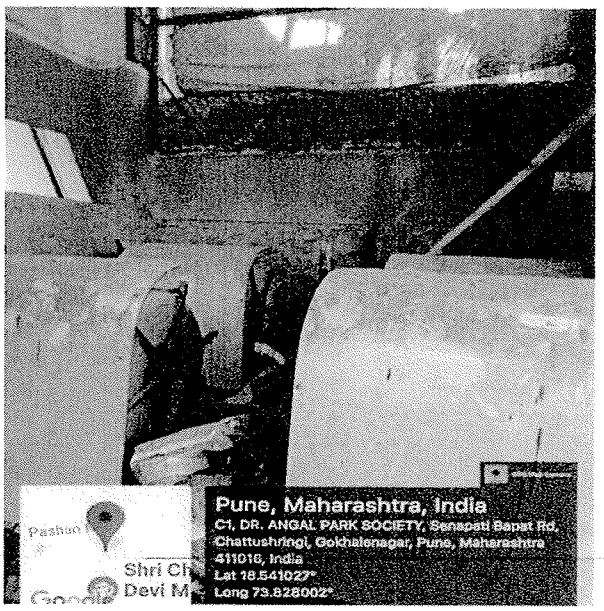


# CHAPTER V
# STUDY OF WASTE MANAGEMENT

## 5.1 Solid Waste Management:

The College has installed a Bio composting Tumbler Unit, wherein, the bio-degradable waste is composted & is used as fertilizer for the garden.

**Photograph of Bio Composting Storage Tanks:**




## 5.2 E-Waste Management:

The E-Waste generated is disposed of through Authorized Vendor.

# CHAPTER-VI
# STUDY OF RAIN WATER HARVESTING

The College has already installed Rain Water Harvesting project, wherein the rain water falling on the terrace is collected and through pipes it is fed to underground Water Storage tank. This stored water is then reused for domestic purpose.

**Photograph of Rain Water Harvesting Pipe:**





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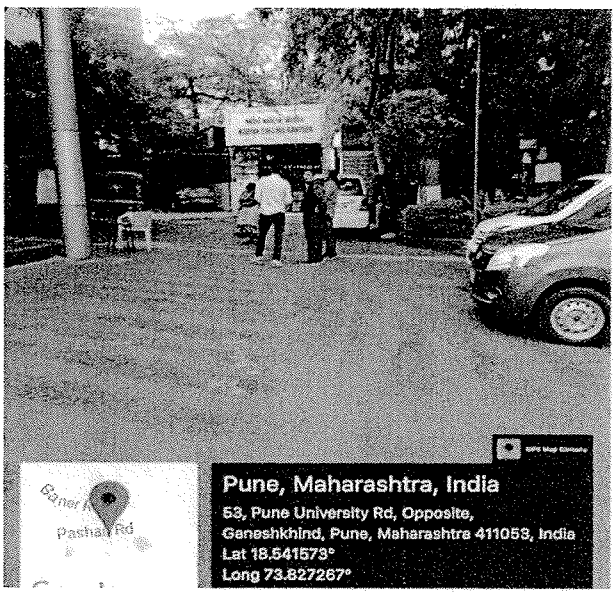
# CHAPTER-VII
# STUDY OF GREEN & SUATAINABLE PRACTICES

## 7.1 Pedestrian Friendly Roads:

The College has pedestrian friendly road as to facilitate the easy movement of the students within the campus.

**Photograph of Internal Road:**




## 7.2 Green Landscaping with Trees and Plants:

The College has well maintained internal garden.

**Photograph of Internal Garden:**



### 7.3 Provision of Ramp for Divyangajan:

The College has made a provision of Ramp as well as dedicated wash room for easy movement of Divyangajan.

**Photograph of Ramp and Dedicated Wash room:**




### 7.4 Sanitary Pad Dispenser and Sanitary Waste Incinerator:

The College has installed Sanitary Pad Dispenser as well as Sanitary Waste Incinerator.

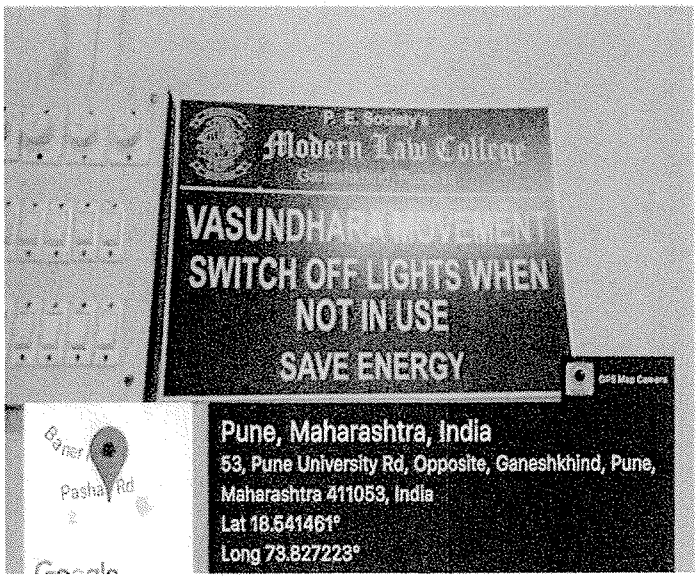
**Photograph of Sanitary Pad Dispenser & Incinerator:**



### 7.5 Creation of Awareness about Energy Conservation:

The College has installed Posters emphasizing the Importance of Energy Conservation.

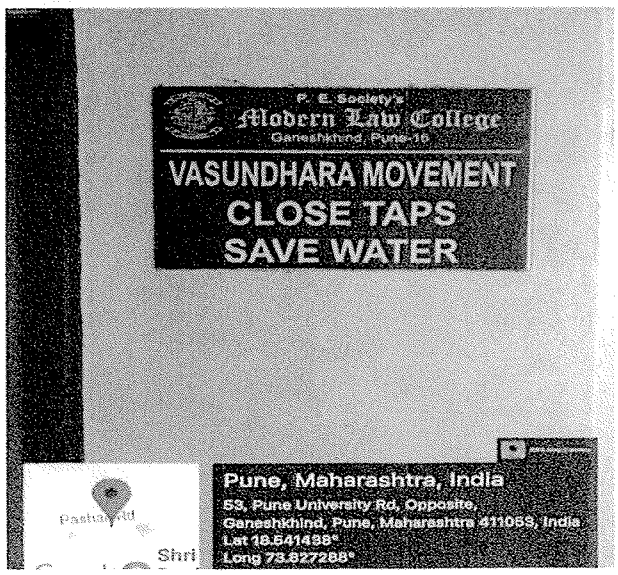
**Photograph of Poster on Energy Conservation:**




### 7.6 Creation of Awareness about Water Conservation:

The College has installed Posters emphasizing the Importance of Water Conservation.

**Photograph of Poster on Water Conservation:**



## ANNEXURE-1:
## LIST of TREES & PLANTS:

| No. | Name of Tree | Family | Common Name |
|---|---|---|---|
| 1. | *Aegle marmelos* (L.) Correa. | Rutaceae | Bel |
| 2. | *Ailanthus excelsa* Roxb. | Simaroubaceae | |
| 3. | *Albizia julibrissin* Durazz. | Fabaceae | |
| 4. | *Areca catechu* L. | Arecaceae | |
| 5. | *Arucaria heterophylla* (Salisb.) Franco. | Araucariaceae | |
| 6. | *Azadirachta indica* A.Juss. | Meliaceae | |
| 7. | *Bambusa vulgaris* Schrad. ex J.C.Wendl | Poaceae | |
| 8. | *Caryota mitis* Lour. | Arecaceae | Fishtail palm |
| 9. | *Cassia fistula* L. | Fabaceae | |
| 10. | *Casuarina equisetifolia* L. | Casurinaceae | |
| 11. | *Citrus limon* (L.) Osbeck. | Rutaceae | Lemon/Limbu |
| 12. | *Cocos nucifera* L. | Arecaceae | |
| 13. | *Delonix regia* (Boj. ex Hook.) Raf. | Fabaceae | |
| 14. | *Dypsis lutescens* (H.Wendl.) Beentje & J.Dransf. | Arecaceae | |
| 15. | *Erythrina variegate* L. | Fabaceae | pangara |
| 16. | *Ficus benghalensis* L. | Moraceae | Vad |
| 17. | *Ficus benjamina* L. | Moraceae | Weeping fig |
| 18. | *Ficus elastic* Roxb. ex Hornem. | Moraceae | |
| 19. | *Ficus racemosa* L. | Moraceae | |
| 20. | *Ficus religiosa* L. | Moraceae | Pimpal |
| 21. | *Hibiscus rosa-sinensis* L. | Malvaceae | |
| 22. | *Jacaranda mimosifolia* D. Don. | Bignoniaceae | |
| 23. | *Lawsonia inermis* L. | Lytheraceae | Mehandi |
| 24. | *Livistona chinensis* (Jacq.) R.Br. ex Mart. | Arecaceae | |
| 25. | *Magnolia champaca* (L.) Baill. ex Pierre | Magnoliaceae | Pivla Chafa |
| 26. | *Mangifera indica* L. | Anacardiaceae | |
| 27. | *Manilkara zapota* (L.) P.Royen | Sapotaceae | Sapota/Chiku |
| 28. | *Millingtonia hortensis* L.F. | Bignoniaceae | Indian cork tree |
| 29. | *Murraya koenigii* (L.) Sprengel | Rutaceae | Curry leaf/Godlimb |
| 30. | *Phyllanthus emblica* L. | Euphorbiaceae | Aavala |
| 31. | *Plumeria alba* L. | Apocynaceae | |

| | | | |
|---|---|---|---|
| 32. | *Polyalthia longifolia* (Sonn.) Thwaites | Annonaceae | Ashok |
| 33. | *Ravenalia madagascarensis* Sonn. | Sterlitziaceae | |
| 34. | *Roystonea regia* (Kunth) O. F. Cook | Arecaceae | |
| 35. | *Syzygium cumuni* (L.) Skills | Myrtaceae | Jambhul |
| 36. | *Tamarindus indica* L. | Fabaceae | Chinch |
| 37. | *Tecoma stans* (L.) Juss. Ex Kunth. | Bignoniaceae | |
| 38. | *Terminalia catappa* L. | Combretaceae | |

**MEDICINAL/AROMATIC/SPICES PLANTS**

1. *Aloe vera* Burm
2. *Asparagus racemosus* Willd.
3. *Asparagus densiflorus* (Kunth) Jessop
4. *Bryophyllum pinnatum* (Lam.) Oken
5. *Catharanthus roseus* L.
6. *Centella asiaticatica* (l.) Urb.
7. *Chlorophytum inornatum* Ker Gawl.
8. *Cinnamomum tamala* (Buch.-Ham.) T. Nees & Eberm.
9. Cissus quadrangulari L.
10. *Costus igneus* N.E. Br.
11. *Cymbopogon citratus* DC
12. *Eclipta prostrata* (L.) L.
13. *Euphorbia tirucalli* L.
14. *Gymnema sylvestre* R. Br.
15. *Justicia adhatoda* L.
16. *Mentha arvensis* L
17. *Mimosa pudica* L.
18. *Murraya koenigii* (L.) Spreng.
19. *Ocimum sanctum* L.
20. *Piper nigrum* L.
21. *Spilanthes acmella* Dc.

**FERN**

1. *Asplenium nidus* L.
2. *Livistona rotundifolia* (Lam.) Mart.
3. *Nephrolepis biserrata* (Sw.) Schott.
4. *Nephrolepis* Sp.
5. *Pteris ensiformis* Burm. F.

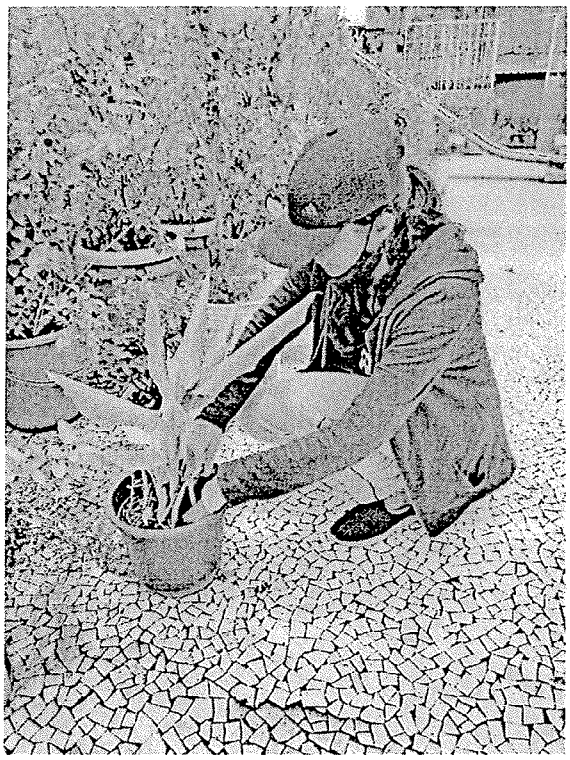
**FLOWERING/ FOLIAGE PLANTS**

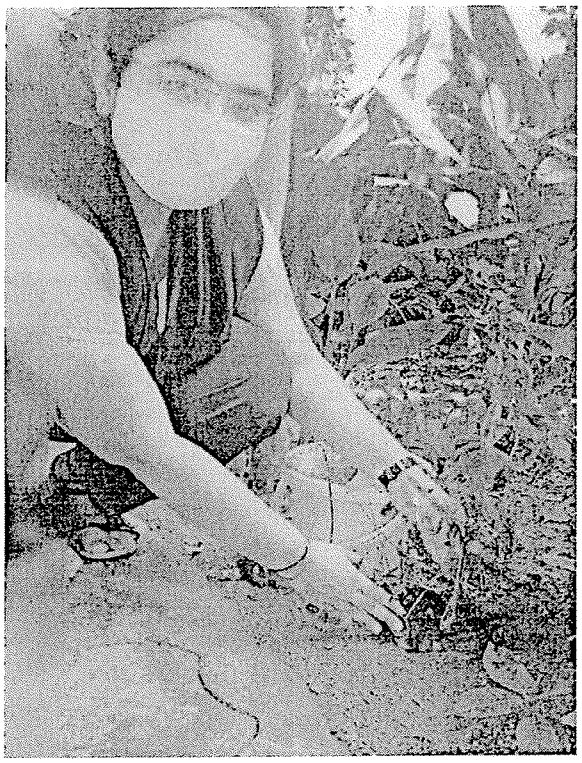
1. *Adenium obesum* (forssk.) Roem. & schult.
2. *Allamanda violacea* Gardner
3. *Asparagus densiflorus* (Kunth) Jessop
4. *Bryophyllum* sp.
5. *Canna indica* L.
6. *Chlorophytum comossum* (thunb).
7. *Chlorophytum comosum* (Thunb.) Jacques
8. *Clematis triloba* Thunb.
9. *Coleus blumei* Benth.
10. *Crossandra undulaefolia* Salisb.
11. *Dracaena colorama*
12. *Dracaena deremensis* Engl
13. *Dracaena marginata* Hort.
14. *Euphorbia milli* Des Moul.
15. *Euphorbia pulcherrima* Willd. Ex Klotzsch
16. *Hibiscus rosa-sinensis* L.
17. *Ixora chinensis* Lam.
18. *Jatropha integerrima* Jacq.
19. *Nerium indicum* Mill.
20. *Oxalis regnelli* Miq.
21. *Pentas lanceolata* (Forssk) Deflers
22. *Rhoeo spathacea* (Sw.) Stearn

# Modern Law College

## Tree Plantation Drive 2020-21

In the light of COVID-19 norms and according to the rules and regulations of Savitribai Phule Pune University, it was decided that faculty and students should implement the Tree Plantation Drive at their homes and nearby area. Students and Faculties planted the saplings at their homes and near by area.







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