1.3.1. Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the curriculum.

1. **List of courses integrate with crosscutting issues**

S. No.	Subject Code	Subject Name	Integrate with crosscutting issues
1.	GE8076	Professional Ethics in Engineering	Professional Ethics
2.	GE8291	Environmental Science and Engineering	Environment and Sustainability
3.	OMD552	Hospital Waste Management	Environment and Sustainability
4.	GE 8071	Disaster Management	Environment and Sustainability
5.	MG6071	Entrepreneurship Development	Human Values
6.	OME754	Industrial Safety	Environment and Sustainability
7.	ME2023	Renewable Sources of Energy	Environment and Sustainability
8.	GE8074	Human Rights	Human Values
9.	EE8016	Energy Management and Auditing	Environment and Sustainability
10.	GE8075	Intellectual Property Rights	Professional Ethics
11.	CC7201	Design For Manufacture, Assembly and Environments	Environment and Sustainability

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2. R2017 - List of courses address the Ethics, Gender, Human Values, Environmental Sustainability and Syllabus.

1. GE8076 - Professional Ethics in Engineering
2. GE8291- Environmental Science and Engineering
3. MG8591 - Principles of Management
4. GE8077 - Total Quality Management
5. OMD552 - Hospital Waste Management
6. GE 8071 - Disaster Management
7. MG8091 - Entrepreneurship Development
8. OME754 - Industrial Safety
9. OME553 - Industrial Safety Engineering
10. ME8072 - Renewable Sources of Energy
11. ORO551 - Renewable Energy Sources
12. OEE752 - Introduction to Renewable Energy Systems
13. GE8074 - Human Rights
14. EE8016 - Energy Management and Auditing
15. OBT551 - Introduction to Bioenergy and Biofuels
16. GE8075 - Intellectual Property Rights
17. CC7201 - Design For Manufacture, Assembly and Environments
18. OCE551- Air Pollution and Control Engineering
19. OME551 - Energy Conservation and Management
20. OGI751 - Climate Change and its Impact
21. OCH752 - Energy Technology
22. OCE751 - Environmental and Social Impact Assessment
23. OEN751 - Green Building Design
24. OCY751 - Waste Water Treatment
25. OAI752 - Integrated Water Resources Management
26. OMF751 - Lean Six Sigma

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Regulation 2017

GE8076 **PROFESSIONAL ETHICS IN ENGINEERING** **L T P C**
3 0 0 3

OBJECTIVE:

To enable the students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

UNIT I HUMAN VALUES **10**

Morals, values and Ethics Integrity Work ethic Service learning Civic virtue Respect for others Living peacefully Caring Sharing Honesty Courage Valuing time Cooperation Commitment Empathy Self confidence Character Spirituality Introduction to Yoga and meditation for professional excellence and stress management.

UNIT II ENGINEERING ETHICS **9**

Variety of moral issues Types of inquiry Moral dilemmas Moral Autonomy Consensus and Controversy Models of professional roles - Theories about right action Self-interest Customs and Religion Uses of Ethical Theories.

UNIT III ENGINEERING AS SOCIAL EXPERIMENTATION **9**

Engineering as Experimentation Engineers as responsible Experimenters Codes of Ethics A Balanced Outlook on Law.

UNIT IV SAFETY, RESPONSIBILITIES AND RIGHTS **9**

Safety and Risk Assessment of Safety and Risk Risk Benefit Analysis and Reducing Risk - Respect for Authority Collective Bargaining Confidentiality Conflicts of Interest Occupational Crime Professional Rights Employee Rights Intellectual Property Rights (IPR) Discrimination.

UNIT V GLOBAL ISSUES **8**

Multinational Corporations Environmental Ethics Computer Ethics Weapons Development Engineers as Managers Consulting Engineers Engineers as Expert Witnesses and Advisors Moral Leadership Code of Conduct Corporate Social Responsibility.

TOTAL: 45 PERIODS

OUTCOMES:

Upon completion of the course, the student should be able to apply ethics in society, discuss the ethical issues related to engineering and realize the responsibilities and rights in the society.

TEXT BOOKS:

1.Mike W. Martin and Roland Schinzinger," Ethics in Engineering" Tata McGraw Hill, New Delhi 2003.
2.Govindarajan M, Natarajan S, Senthil Kumar V S, "Engineering Ethics", Prentice Hall of India, New Delhi, 2004.

REFERENCES:

1. Charles B. Fleddermann, "Engineering Ethics", Pearson Prentice Hall, New Jersey, 2004.
2. Charles E.Harris, Michael S.Pritchard and Michael J.Rabins, "Engineering Ethics - Concepts and Cases", Cengage Learning, 2009.
3. John R Boatright, "Ethics and the Conduct of Business", Pearson Education, New Delhi, 2003
4. Edmund G Seebauer and Robert L Barry, "Fundamentals of Ethics for Scientists and Engineers", Oxford University Press, Oxford, 2001.
5. Laura P. Hartman and Joe Desjardins, "Business Ethics: Decision Making for Personal Integrity and Social Responsibility" Mc Graw Hill education, India Pvt. Ltd., New Delhi, 2013
6. World Community Service Centre, "Value Education", Vethathiri Publications, Erode, 2011.

Web sources:

1. www.onlineethics.org
2. www.nspe.org
3. www.globalethics.org
4. www.ethics.org

GE8291 **ENVIRONMENTAL SCIENCE AND ENGINEERING** **L T P C**

3 0 0 3

OBJECTIVES:

- To the study of nature and the facts about environment.
- To find and implement scientific, technological, economic and political solutions to environmental problems.
- To study the interrelationship between living organism and environment.
- To appreciate the importance of environment by assessing its impact on the human world envision the surrounding environment, its functions and its value.
- To study the integrated themes and biodiversity, natural resources, pollution control and waste management.

UNIT I ENVIRONMENT, ECOSYSTEMS AND BIODIVERSITY **14**

Definition, Scope and Importance of Environment Need for Public Awareness - Concept of an Ecosystem Structure and Function of an Ecosystem Producers, Consumers and Decomposers Energy Flow in the Ecosystem Ecological Succession Food Chains, Food Webs and Ecological Pyramids Introduction, Types, Characteristic Features, Structure and Function of the (A) Forest Ecosystem (B) Grassland Ecosystem (C) Desert Ecosystem (D) Aquatic Ecosystems (Ponds, Streams, Lakes, Rivers, Oceans, Estuaries) Introduction to Biodiversity Definition: Genetic, Species and Ecosystem Diversity Bio geographical Classification of India Value of Biodiversity: Consumptive Use, Productive Use, Social, Ethical, Aesthetic and Option Values Biodiversity at Global, National and Local Levels India as a Mega-Diversity Nation Hot-Spots of Biodiversity Threats to Biodiversity: Habitat Loss, Poaching of Wildlife, Man-Wildlife Conflicts Endangered and Endemic Species of India Conservation of Biodiversity: In-Situ and Ex-Situ Conservation of Biodiversity. Field Study of Common Plants, Insects, Birds Field Study of Simple Ecosystems Pond, River, Hill Slopes, etc.

UNIT II ENVIRONMENTAL POLLUTION **8**

Definition Causes, Effects and Control Measures of: (A) Air Pollution (B) Water Pollution (C)Soil Pollution (D) Marine Pollution (E) Noise Pollution (F) Thermal Pollution (G) Nuclear Hazards Soil Waste Management: Causes, Effects and Control Measures of Municipal Solid Wastes Role of an Individual in Prevention of Pollution Pollution Case Studies Disaster Management: Floods, Earthquake, Cyclone and Landslides. Field Study of Local Polluted Site Urban / Rural / Industrial / Agricultural.

UNIT III NATURAL RESOURCES **10**

Forest Resources: Use and Over-Exploitation, Deforestation, Case Studies - Timber Extraction, Mining, Dams and Their Effects on Forests and Tribal People Water Resources: Use and Over- Utilization of Surface and Ground Water, Floods, Drought, Conflicts Over Water, Dams-Benefits and Problems Mineral Resources: Use and Exploitation, Environmental Effects of Extracting and Using Mineral Resources, Case Studies Food Resources: World Food Problems, Changes Caused by Agriculture and Overgrazing, Effects of Modern Agriculture, Fertilizer-Pesticide Problems, Water Logging, Salinity, Case Studies Energy Resources: Growing Energy Needs, Renewable and Non Renewable Energy Sources, Use of Alternate Energy Sources. Case Studies Land Resources: Land as a Resource, Land Degradation, Man Induced Landslides, Soil Erosion and Desertification Role of an Individual in Conservation of Natural Resources Equitable Use of Resources for Sustainable Lifestyles. Field Study of Local Area to Document Environmental Assets River / Forest / Grassland / Hill / Mountain.

UNIT IV SOCIAL ISSUES AND THE ENVIRONMENT 7

From Unsustainable to Sustainable Development Urban Problems Related to Energy Water Conservation, Rain Water Harvesting, Watershed Management Resettlement and Rehabilitation of People; its Problems and Concerns, Case Studies Role of Non-Governmental Organization- Environmental Ethics: Issues and Possible Solutions Climate Change, Global Warming, Acid Rain, Ozone Layer Depletion, Nuclear Accidents and Holocaust, Case Studies. Wasteland Reclamation Consumerism and Waste Products Environment Production Act Air (Prevention And Control Of Pollution) Act Water (Prevention And Control Of Pollution) Act Wildlife Protection Act Forest Conservation Act Enforcement Machinery Involved in Environmental Legislation- Central and State Pollution Control Boards- Public Awareness.

UNIT V HUMAN POPULATION AND THE ENVIRONMENT 6

Population Growth, Variation Among Nations Population Explosion Family Welfare Programme Environment and Human Health Human Rights Value Education HIV / AIDS Women and Child Welfare Role of Information Technology in Environment and Human Health Case Studies.

TOTAL: 45 PERIODS

OUTCOMES:

Upon successful completion of the course, students will be able to:

- Environmental Pollution or problems cannot be solved by mere laws. Public participation is an important aspect which serves the environmental Protection. One will obtain knowledge on the following after completing the course.
- Public awareness of environment at infant stage.
- Ignorance and incomplete knowledge has lead to misconceptions.
- Development and improvement in standard of living has lead to serious environmental disasters.

TEXT BOOKS:

1. Gilbert M. Masters, Introduction to Environmental Engineering and Science" Second Edition, Pearson Education 2004.
2. Benny Joseph, Environmental Science and Engineering Tata McGraw-Hill, 2006.

REFERENCES:

1. R.K. Trivedi, "Handbook of Environmental Laws, Rules, Guidelines, Compliances Vol. I and II, Enviro Media.
2. Cunningham, W.P. Cooper, T.H. Gorhani, "Environmental Encyclopedia", Jaico Publishing, 2001.
3. Dharmendra S. Sengar, "Environmental law", Prentice Hall, 2007.
4. Rajagopalan R, "Environmental Studies-From Crisis to Cure", Oxford University Press 2005.

MG8591	PRINCIPLES OF MANAGEMENT	L T P C 3 0 0 3

OBJECTIVES:

□ To enable the students to study the evolution of Management, to study the functions and principles of management and to learn the application of the principles in an organization.

UNIT I INTRODUCTION TO MANAGEMENT AND ORGANIZATIONS 9

Definition of Management – Science or Art – Manager Vs Entrepreneur - types of managers -managerial roles and skills – Evolution of Management – Scientific, human relations , system and contingency approaches – Types of Business organization - Sole proprietorship, partnership, company-public and private sector enterprises - Organization culture and Environment – Current trends and issues in Management.

UNIT II PLANNING 9

Nature and purpose of planning – planning process – types of planning – objectives – setting objectives – policies – Planning premises – Strategic Management – Planning Tools and Techniques – Decision making steps and process.

UNIT III ORGANISING 9

Nature and purpose – Formal and informal organization – organization chart – organization structure – types – Line and staff authority – departmentalization – delegation of authority – centralization and decentralization – Job Design - Human Resource Management – HR Planning, Recruitment, selection, Training and Development, Performance Management , Career planning and management

UNIT IV DIRECTING 9

Foundations of individual and group behaviour – motivation – motivation theories – motivational techniques – job satisfaction – job enrichment – leadership – types and theories of leadership – communication – process of communication – barrier in communication – effective communication – communication and IT.

UNIT V CONTROLLING 9

System and process of controlling – budgetary and non-budgetary control techniques – use of computers and IT in Management control – Productivity problems and management – control and performance – direct and preventive control – reporting.

TOTAL: 45 PERIODS

OUTCOMES:

□ Upon completion of the course, students will be able to have clear understanding of managerial functions like planning, organizing, staffing, leading & controlling and have same basic knowledge on international aspect of management

TEXTBOOKS:

1. Stephen P. Robbins & Mary Coulter, —Managementl, Prentice Hall (India) Pvt. Ltd., 10th Edition, 2009.
2. JAF Stoner, Freeman R.E and Daniel R Gilbert —Managementl, Pearson Education, 6th Edition, 2004.

REFERENCES:

1. Stephen A. Robbins & David A. Decenzo & Mary Coulter, —Fundamentals of Managementl Pearson Education, 7th Edition, 2011.
2. Robert Kreitner & Mamata Mohapatra, — Managementl, Biztantra, 2008.
3. Harold Koontz & Heinz Weihrich —Essentials of managementl Tata McGraw Hill,1998.
4. Tripathy PC & Reddy PN, —Principles of Managementl, Tata McGraw Hill, 1999

GE8077 **TOTAL QUALITY MANAGEMENT** **L T P C**
3 0 0 3

OBJECTIVE:

- To facilitate the understanding of Quality Management principles and process.

UNIT I INTRODUCTION **9**

Introduction - Need for quality - Evolution of quality - Definitions of quality - Dimensions of product and service quality - Basic concepts of TQM - TQM Framework - Contributions of Deming, Juran and Crosby - Barriers to TQM - Customer focus - Customer orientation, Customer satisfaction, Customer complaints, Customer retention.

UNIT II TQM PRINCIPLES **9**

Leadership - Quality Statements, Strategic quality planning, Quality Councils - Employee involvement - Motivation, Empowerment, Team and Teamwork, Recognition and Reward, Performance appraisal - Continuous process improvement - PDCA cycle, 5S, Kaizen - Supplier partnership - Partnering, Supplier selection, Supplier Rating.

UNIT III TQM TOOLS AND TECHNIQUES I 9

The seven traditional tools of quality - New management tools - Six sigma: Concepts, Methodology, applications to manufacturing, service sector including IT - Bench marking - Reason to bench mark, Bench marking process - FMEA - Stages, Types.

UNIT IV TQM TOOLS AND TECHNIQUES II 9

Quality Circles - Cost of Quality - Quality Function Deployment (QFD) - Taguchi quality loss function - TPM - Concepts, improvement needs - Performance measures.

UNIT V QUALITY MANAGEMENT SYSTEM 9 Introduction—Benefits of ISO Registration—ISO 9000 Series of Standards—Sector-Specific Standards—AS 9100, TS16949 and TL 9000– ISO 9001 Requirements—Implementation—Documentation—Internal Audits—Registration-

ENVIRONMENTAL MANAGEMENT SYSTEM: Introduction—ISO 14000 Series Standards—Concepts of ISO 14001—Requirements of ISO 14001—Benefits of EMS.

TOTAL: 45 PERIODS

OUTCOME:

- The student would be able to apply the tools and techniques of quality management to manufacturing and services processes.

TEXT BOOK:

1. Dale H.Besterfiled, Carol B.Michna,Glen H. Besterfield,Mary B.Sacre,Hemant Urdhwareshe and Rashmi Urdhwareshe, —Total Quality Managementl, Pearson Education Asia, Revised Third Edition, Indian Reprint, Sixth Impression, 2013.

REFERENCES:

1. James R. Evans and William M. Lindsay, "The Management and Control of Quality", 8th Edition, First Indian Edition, Cengage Learning, 2012.
2. Janakiraman. B and Gopal .R.K., "Total Quality Management - Text and Cases", Prentice Hall (India) Pvt. Ltd., 2006.
3. Suganthi.L and Anand Samuel, "Total Quality Management", Prentice Hall (India) Pvt. Ltd., 2006.
4. ISO9001-2015 standards

OMD552	HOSPITAL WASTE MANAGEMENT	L T P C
		3 0 0 3

OBJECTIVES:

The student should be made to:

- Know about the healthcare hazard control and accidents
- Understand biomedical waste management
- Learn the facility guidelines, infection control and patient safety.

UNIT I HEALTHCARE HAZARD CONTROL AND UNDERSTANDING ACCIDENTS 9

Healthcare Hazard Control: Introduction, Hazard Control: Management & Responsibilities, Hazard Analysis, Hazard Correction, Personal Protective Equipment, Hazard Control Committees, Accident Causation Theories, Accident Reporting, Accident Investigations, Accident Analysis, Accident Prevention, Workers" Compensation, Orientation, Education, and Training.

UNIT II BIOMEDICAL WASTE MANAGEMENT 9

Biomedical Waste Management : Types of wastes, major and minor sources of biomedical waste, Categories and classification of biomedical waste, hazard of biomedical waste, need for disposal of biomedical waste, waste minimization, waste segregation and labeling, waste handling and disposal.

UNIT III HAZARDOUS MATERIALS 9

Hazardous Materials : Hazardous Substance Safety, OSHA Hazard Communication Standard, DOT Hazardous Material Regulations, Healthcare Hazardous Materials, Medical Gas Systems, Respiratory Protection.

UNIT IV FACILITY SAFETY 9

Introduction, Facility Guidelines: Institute, Administrative Area Safety, Slip, Trip, and Fall Prevention, Safety Signs, Colors, and Marking Requirements, Tool Safety, Electrical Safety, Control of Hazardous Energy, Landscape and Ground Maintenance, Fleet and Vehicle Safety.

UNIT V INFECTION CONTROL, PREVENTION AND PATIENT SAFETY 9

Healthcare Immunizations, Centers for Disease Control and Prevention, Disinfectants, Sterilants, and Antiseptics, OSHA Bloodborne Pathogens Standard, Tuberculosis, Healthcare Opportunistic Infections, Healthcare-Associated Infections, Medication Safety.

TOTAL : 45 PERIODS

OUTCOMES:

After successful completion of the course, the students will be able to know the concepts of healthcare waste management, its prevention and safety.

REFERENCES:

1. Tweedy, James T., Healthcare hazard control and safety management-CRC Press_Taylor and Francis (2014).
2. Anantpreet Singh, Sukhjit Kaur, Biomedical Waste Disposal, Jaypee Brothers Medical Publishers (P) Ltd (2012).

GE8071	DISASTER MANAGEMENT	LTPC
		3 0 0 3

OBJECTIVES:

- To provide students an exposure to disasters, their significance and types.
- To ensure that students begin to understand the relationship between vulnerability, disasters, disaster prevention and risk reduction
- To gain a preliminary understanding of approaches of Disaster Risk Reduction (DRR)
- To enhance awareness of institutional processes in the country and
- To develop rudimentary ability to respond to their surroundings with potential disaster response in areas where they live, with due sensitivity

UNIT I INTRODUCTION TO DISASTERS 9

Definition: Disaster, Hazard, Vulnerability, Resilience, Risks – Disasters: Types of disasters – Earthquake, Landslide, Flood, Drought, Fire etc - Classification, Causes, Impacts including social, economic, political, environmental, health, psychosocial, etc.- Differential impacts- in terms of caste, class, gender, age, location, disability - Global trends in disasters: urban disasters, pandemics, complex emergencies, Climate change- Dos and Don'ts during various types of Disasters.

UNIT II APPROACHES TO DISASTER RISK REDUCTION (DRR) 9

Disaster cycle - Phases, Culture of safety, prevention, mitigation and preparedness community based DRR, Structural- nonstructural measures, Roles and responsibilities of- community, Panchayati Raj Institutions/Urban Local Bodies (PRIs/ULBs), States, Centre, and other stake-holders- Institutional Processes and Framework at State and Central Level- State Disaster Management Authority(SDMA) – Early Warning System – Advisories from Appropriate Agencies.

UNIT III INTER-RELATIONSHIP BETWEEN DISASTERS AND DEVELOPMENT 9

Factors affecting Vulnerabilities, differential impacts, impact of Development projects such as dams, embankments, changes in Land-use etc.- Climate Change Adaptation- IPCC Scenario and Scenarios in the context of India - Relevance of indigenous knowledge, appropriate technology and local resources.

UNIT IV DISASTER RISK MANAGEMENT IN INDIA 9

Hazard and Vulnerability profile of India, Components of Disaster Relief: Water, Food, Sanitation, Shelter, Health, Waste Management, Institutional arrangements (Mitigation, Response and Preparedness, Disaster Management Act and Policy - Other related policies, plans, programmes and legislation – Role of GIS and Information Technology Components in Preparedness, Risk Assessment, Response and Recovery Phases of Disaster – Disaster Damage Assessment.

UNIT V DISASTER MANAGEMENT: APPLICATIONS AND CASE STUDIES AND FIELD WORKS 9

Landslide Hazard Zonation: Case Studies, Earthquake Vulnerability Assessment of Buildings and Infrastructure: Case Studies, Drought Assessment: Case Studies, Coastal Flooding: Storm Surge Assessment, Floods: Fluvial and Pluvial Flooding: Case Studies; Forest Fire: Case Studies, Man Made disasters: Case Studies, Space Based Inputs for Disaster Mitigation and Management and field works related to disaster management.

TOTAL: 45 PERIODS

OUTCOMES:

The students will be able to

- Differentiate the types of disasters, causes and their impact on environment and society
- Assess vulnerability and various methods of risk reduction measures as well as mitigation.
- Draw the hazard and vulnerability profile of India, Scenarios in the Indian context, Disaster damage assessment and management.

TEXTBOOKS:

1. Singhal J.P. —Disaster Managementl, Laxmi Publications, 2010.
2. Tushar Bhattacharya, "Disaster Science and Management", McGraw Hill India Education Pvt. Ltd., 2012. ISBN-10: 1259007367, ISBN-13: 978-1259007361.
3. Gupta Anil K, Sreeja S. Nair. Environmental Knowledge for Disaster Risk Management, NIDM, New Delhi, 2011
4. Kapur Anu Vulnerable India: A Geographical Study of Disasters, IIAS and Sage Publishers, New Delhi, 2010.

REFERENCES:

1. Govt. of India: Disaster Management Act , Government of India, New Delhi, 2005
2. Government of India, National Disaster Management Policy, 2009.

MG8091 **ENTREPRENEURSHIP DEVELOPMENT** **L T P C**
3 0 0 3

OBJECTIVE:

- To develop and strengthen entrepreneurial quality and motivation in students and to impart basic entrepreneurial skills and understanding to run a business efficiently and effectively.

UNIT I ENTREPRENEURSHIP **9**

Entrepreneur – Types of Entrepreneurs – Difference between Entrepreneur and Intrapreneur Entrepreneurship in Economic Growth, Factors Affecting Entrepreneurial Growth.

UNIT II MOTIVATION **9**

Major Motives Influencing an Entrepreneur – Achievement Motivation Training, Self Rating, Business Games, Thematic Apperception Test – Stress Management, Entrepreneurship Development Programs – Need, Objectives.

UNIT III BUSINESS **9**

Small Enterprises – Definition, Classification – Characteristics, Ownership Structures – Project Formulation – Steps involved in setting up a Business – identifying, selecting a Good Business opportunity, Market Survey and Research, Techno Economic Feasibility Assessment – Preparation of Preliminary Project Reports – Project Appraisal – Sources of Information – Classification of Needs and Agencies.

UNIT IV FINANCING AND ACCOUNTING **9**

Need – Sources of Finance, Term Loans, Capital Structure, Financial Institution, Management of working Capital, Costing, Break Even Analysis, Taxation – Income Tax, Excise Duty – Sales Tax.

UNIT V SUPPORT TO ENTREPRENEURS **9**

Sickness in small Business – Concept, Magnitude, Causes and Consequences, Corrective Measures - Business Incubators – Government Policy for Small Scale Enterprises – Growth Strategies in small industry – Expansion, Diversification, Joint Venture, Merger and Sub Contracting.

TOTAL : 45 PERIODS

OUTCOME:

- Upon completion of the course, students will be able to gain knowledge and skills needed to run a business successfully.

TEXT BOOKS:

1. Donald F Kuratko, "Entrepreneurship – Theory, Process and Practice", 9th Edition, Cengage Learning, 2014.
2. Khanka. S.S., "Entrepreneurial Development" S.Chand & Co. Ltd., Ram Nagar, New Delhi, 2013.

REFERENCES:

1. EDII "Faulty and External Experts – A Hand Book for New Entrepreneurs Publishers: Entrepreneurship Development", Institute of India, Ahmadabad, 1986.
2. Hisrich R D, Peters M P, "Entrepreneurship" 8th Edition, Tata McGraw-Hill, 2013.
3. Mathew J Manimala, "Enterprenuership theory at cross roads: paradigms and praxis" 2nd Edition Dream tech, 2005.
4. Rajeev Roy, "Entrepreneurship" 2nd Edition, Oxford University Press, 2011.

OME754 **INDUSTRIAL SAFETY** **L T P C**

3 0 0 3

OBJECTIVES:

To impart knowledge on safety engineering fundamentals and safety management practices.

UNIT I INTRODUCTION 9

Evolution of modern safety concepts – Fire prevention – Mechanical hazards – Boilers, Pressure vessels, Electrical Exposure.

UNIT II CHEMICAL HAZARDS 9

Chemical exposure – Toxic materials – Ionizing Radiation and Non-ionizing Radiation - Industrial Hygiene – Industrial Toxicology.

UNIT III ENVIRONMENTAL CONTROL 9

Industrial Health Hazards – Environmental Control – Industrial Noise - Noise measuring instruments, Control of Noise, Vibration, - Personal Protection.

UNIT IV HAZARD ANALYSIS 9

System Safety Analysis –Techniques – Fault Tree Analysis (FTA), Failure Modes and Effects Analysis (FMEA), HAZOP analysis and Risk Assessment

UNIT V SAFETY REGULATIONS 9

Explosions – Disaster management – catastrophe control, hazard control, Safety education and training - Factories Act, Safety regulations Product safety – case studies.

TOTAL: 45 PERIODS

OUTCOMES:

Students must be able to identify and prevent chemical, environmental mechanical, fire hazard through analysis and apply proper safety techniques on safety engineering and management.

TEXT BOOK:

1. John V.Grimaldi, "Safety Management", AITB S Publishers, 2003.

REFERENCES:

1. Safety Manual, "EDEL Engineering Consultancy", 2000.
2. David L.Goetsch, "Occupational Safety and Health for Technologists", 5th Edition, Engineers and Managers, Pearson Education Ltd., 2005

OME553 **INDUSTRIAL SAFETY ENGINEERING** **L T P C**
3 0 0 3

OBJECTIVES:

- To provide in depth knowledge in Principles of Environmental safety and its applications in various fields.
- To provide the knowledge of air and water pollution and their control.
- To expose the students to the basics in hazardous waste management.

UNIT I SAFETY IN METAL WORKING AND WOOD WORKING MACHINES **9**

General safety rules, principles, maintenance, Inspections of turning machines, boring machines, milling machine, planning machine and grinding machines, CNC machines, Wood working machinery, types, safety principles, electrical guards, work area, material handling, inspection, standards and codes- saws, types, hazards. Inspection of material handling equipments.

UNIT II SAFETY IN WELDING AND GAS CUTTING **9**

Gas welding and oxygen cutting, resistances welding, arc welding and cutting, common hazards, personal protective equipment, training, safety precautions in brazing, soldering and metalizing – explosive welding, selection, care and maintenance of the associated equipment and instruments – safety in generation, distribution and handling of industrial gases-colour coding – flashback arrestor – leak detection-pipe line safety-storage and handling of gas cylinders.

UNIT III SAFETY IN COLD FORMING AND HOT WORKING OF METALS **9**

Cold working, power presses, point of operation safe guarding, auxiliary mechanisms, feeding and cutting mechanism, hand or foot-operated presses, power press electric controls, power press set up and die removal, inspection and maintenance-metal sheers-press brakes - Hot working safety in forging, hot rolling mill operation, safe guards in hot rolling mills – hot bending of pipes, hazards and control measures - Safety in Gas Furnace Operation, Cupola, Crucibles, Ovens, Foundry Health Hazards, Work Environment, Material Handling in Foundries, Foundry Production Cleaning And Finishing Foundry Processes.

UNIT IV SAFETY IN FINISHING, INSPECTION AND TESTING **9**

Heat treatment operations, Electro Plating, Paint Shops, Sand And Shot Blasting, Safety In Inspection And Testing, Dynamic Balancing, Hydro Testing, Valves, Boiler Drums And Headers, Pressure Vessels, Air Leak Test, Steam Testing, Safety In Radiography, Personal Monitoring Devices, Radiation Hazards, Engineering And Administrative Controls, Indian Boilers Regulation.

UNIT V INDUSTRIAL SAFETY **9**

Advances in Industrial Ergonomics and safety, Work and protective clothing, Theory and practice of Industrial safety, Industrial Noise and Vibration, Machine Guarding and Industrial machine safety, Manual material handling, Modeling for safety and health.

TOTAL:45 PERIODS

OUTCOMES: Students will be able to

- Illustrate and familiarize the basic concepts and scope of engineering safety.
- Understand the standards of professional conduct that are published by professional safety organizations and certification bodies.
- Illustrate the importance of safety of employees while working with machineries.

REFERENCES:

1. Philip E. Hagan, John Franklin Montgomery, James T. O'Reilly, Accident Prevention Manual – NSC, Chicago, 2009.
2. Charles D. Reese, Occupational Health and Safety Management, CRC Press, 2003.
3. John V. Grimaldi and Rollin H. Simonds Safety Management by All India Travelers Book seller, New Delhi, 1989.
4. John Davies, Alastair Ross, Brendan Wallace, Safety Management: A Qualitative Systems Approach, CRC Press, 2003.
5. Health and Safety in welding and Allied processes, welding Institute, UK, High Tech. Publishing Ltd., London, 1989.
6. Anil Mital Advances in Industrial Ergonomics and Safety Taylor and Francis Ltd, London, 1989
7. Dr. Vincent Matthew Ciriello (Prediction of the maximum acceptable weight of lift from the frequency of lift, journal of industrial ergonomics,(2014), pg .225–237

ME8072 **RENEWABLE SOURCES OF ENERGY** **LT PC**
3 0 0 3

OBJECTIVE:

 At the end of the course, the students are expected to identify the new methodologies /technologies for effective utilization of renewable energy sources.

UNIT I INTRODUCTION **9**

World Energy Use – Reserves of Energy Resources – Environmental Aspects of Energy Utilisation – Renewable Energy Scenario in Tamil nadu, India and around the World – Potentials - Achievements / Applications – Economics of renewable energy systems.

UNIT II SOLAR ENERGY **9**

Solar Radiation – Measurements of Solar Radiation - Flat Plate and Concentrating Collectors – Solar direct Thermal Applications – Solar thermal Power Generation - Fundamentals of Solar Photo Voltaic Conversion – Solar Cells – Solar PV Power Generation – Solar PV Applications.

UNIT III WIND ENERGY **9**

Wind Data and Energy Estimation – Types of Wind Energy Systems – Performance – Site Selection – Details of Wind Turbine Generator – Safety and Environmental Aspects

UNIT IV BIO - ENERGY **9**

Biomass direct combustion – Biomass gasifiers – Biogas plants – Digesters – Ethanol production – Bio diesel – Cogeneration - Biomass Applications

UNIT V OTHER RENEWABLE ENERGY SOURCES **9**

Tidal energy – Wave Energy – Open and Closed OTEC Cycles – Small Hydro-Geothermal Energy – Hydrogen and Storage - Fuel Cell Systems – Hybrid Systems.

TOTAL: 45 PERIODS

OUTCOMES:

Upon the completion of this course the students will be able to
CO1:Discuss the importance and Economics of renewable Energy
CO2:Discuss the method of power generation from Solar Energy
CO3:Discuss the method of power generation from Wind Energy
CO4:Explain the method of power generation from Bio Energy
CO5:Explain the Tidal energy, Wave Energy, OTEC, Hydro energy, Geothermal Energy, Fuel Cells and Hybrid Systems.

TEXT BOOKS:

1. Rai. G.D., "Non Conventional Energy Sources", Khanna Publishers, New Delhi, 2011.
2. Twidell, J.W. & Weir, A., "Renewable Energy Sources", EFN Spon Ltd., UK, 2006.

REFERENCES:

1. Chetan Singh Solanki, Solar Photovoltaics, "Fundamentals, Technologies and Applications", PHI Learning Private Limited, New Delhi, 2015.
2. David M. Mousdale – "Introduction to Biofuels", CRC Press, Taylor & Francis Group, USA 2017
3. Freris. L.L., "Wind Energy Conversion Systems", Prentice Hall, UK, 1990.
4. Godfrey Boyle, "Renewable Energy, Power for a Sustainable Future", Oxford University Press, U.K., 2012.
5. Johnson Gary, L. "Wind Energy Systems", Prentice Hall, New York, 1985

ORO551 **RENEWABLE ENERGY SOURCES** **L T P C**
3 0 0 3

OBJECTIVES:

- To get exposure on solar radiation and its environmental impact to power.
- To know about the various collectors used for storing solar energy.
- To know about the various applications in solar energy.
- To learn about the wind energy and biomass and its economic aspects.
- To know about geothermal energy with other energy sources.

UNIT I PRINCIPLES OF SOLAR RADIATION **10**

Role and potential of new and renewable source, the solar energy option, Environmental impact of solar power, physics of the sun, the solar constant, extraterrestrial and terrestrial solar radiation, solar radiation on titled surface, instruments for measuring solar radiation and sun shine, solar radiation data.

UNIT II SOLAR ENERGY COLLECTION **8**

Flat plate and concentrating collectors, classification of concentrating collectors, orientation and thermal analysis, advanced collectors.

UNIT III SOLAR ENERGY STORAGE AND APPLICATIONS **7**

Different methods, Sensible, latent heat and stratified storage, solar ponds. Solar Application ssolar heating/cooling technique, solar distillation and drying, photovoltaic energy conversion.

UNIT IV WIND ENERGY **10**

Sources and potentials, horizontal and vertical axis windmills, performance characteristics, Betz criteria BIO-MASS: Principles of Bio-Conversion, Anaerobic/aerobic digestion, types of Bio-gas digesters, gas yield, combustion characteristics of bio-gas, utilization for cooking, I.C.Engine operation and economic aspects.

UNIT V GEOTHERMAL ENERGY: **9**

Resources, types of wells, methods of harnessing the energy, potential in India. OCEAN ENERGY: OTEC, Principles utilization, setting of OTEC plants, thermodynamic cycles. Tidal and wave energy: Potential and conversion techniques, mini-hydel power plants, and their economics. DIRECT ENERGY CONVERSION: Need for DEC, Carnot cycle, limitations, principles of DEC.

TOTAL : 45 PERIODS

OUTCOMES:

- Understanding the physics of solar radiation.
- Ability to classify the solar energy collectors and methodologies of storing solar energy.
- Knowledge in applying solar energy in a useful way.
- Knowledge in wind energy and biomass with its economic aspects.
- Knowledge in capturing and applying other forms of energy sources like wind, biogas and geothermal energies.

TEXT BOOKS:

1. Rai G.D. , "Non-Conventional Energy Sources", Khanna Publishers, 2011
2. Twidell & Wier, "Renewable Energy Resources", CRC Press (Taylor & Francis), 2011

REFERENCES:

1. Tiwari and Ghosal, "Renewable energy resources", Narosa Publishing House, 2007
2. Ramesh R & Kumar K.U , "Renewable Energy Technologies",Narosa Publishing House, 2004
3. Mittal K M , "Non-Conventional Energy Systems", Wheeler Publishing Co. Ltd, New Delhi, 2003
4. Kothari D.P, Singhal ., K.C., "Renewable energy sources and emerging technologies", P.H.I, New Delhi, 2010

OEE752 **INTRODUCTION TO RENEWABLE ENERGY SYSTEMS** **L T P C**
3 0 0 3

OBJECTIVES:

To Provide knowledge

- Aboutthe stand alone and grid connected renewable energy systems.
- Design of power converters for renewable energy applications.
- Wind electrical generators and solar energy systems.
- Power converters used for renewable energy systems.

UNIT I INTRODUCTION **9**

Environmental aspects of electric energy conversion: impacts of renewable energy generation on environment (cost-GHG Emission) - Qualitative study of different renewable energy resources: Solar, wind, ocean, Biomass, Fuel cell, Hydrogen energy systems and hybrid renewable energy systems.

UNIT II ELECTRICAL MACHINES FOR RENEWABLE ENERGY CONVERSION **9**

Reference theory fundamentals-principle of operation and analysis: IG and PMSG

UNIT III POWER CONVERTERS 9 Solar: Block diagram of solar photo voltaic system -Principle of operation: line commutated converters (inversion-mode) - Boost and buck-boost converters- selection of inverter, battery sizing, array sizing Wind: Three phase AC voltage controllers

UNIT IV ANALYSIS OF WIND AND PV SYSTEMS **9**

Stand alone operation of fixed and variability speed wind energy conversion systems and solar system-Grid connection Issues -Grid integrated PMSG, SCIG Based WECS, grid Integrated solar system

UNIT V HYBRID RENEWABLE ENERGY SYSTEMS **9**

Need for Hybrid Systems- Range and type of Hybrid systems- Case studies of Wind-PV Maximum Power Point Tracking (MPPT).

TOTAL : 45 PERIODS

OUTCOMES:

- Ability to understand and analyze power system operation, stability, control and protection.
- Ability to handle the engineering aspects of electrical energy generation and utilization.
- Ability to understand the stand alone and grid connected renewable energy systems.
- Ability to design of power converters for renewable energy applications.
- Ability to acquire knowledge on wind electrical generators and solar energy systems.
- Ability to design power converters used for hybrid renewable energy systems.

TEXT BOOK:

1. S. N. Bhadra, D.Kastha, S.Banerjee, "Wind Electrical Systems", Oxford University Press, 2005. 2. B.H.Khan Non-conventional Energy sources Tata McGraw-hill Publishing Company, New Delhi,2009.

REFERENCES:

1. Rashid .M. H "power electronics Hand book", Academic press, 2001.
2. Ion Boldea, "Variability speed generators", Taylor & Francis group, 2006.
3. Rai. G.D, "Non conventional energy sources", Khanna publishes, 1993.
4. Gray, L. Johnson, "Wind energy system", prentice hall linc, 1995.
5. Andrzej M. Trzynnadlowski, „Introduction to Modern Power Electronics", Second edition, wiley India Pvt. Ltd, 2012.

GE8074	HUMAN RIGHTS	LT P C 3 0 0 3

OBJECTIVES:

- To sensitize the Engineering students to various aspects of Human Rights.

UNIT I 9

Human Rights – Meaning, origin and Development. Notion and classification of Rights – Natural, Moral and Legal Rights. Civil and Political Rights, Economic, Social and Cultural Rights; collective /Solidarity Rights.

UNIT II 9

Evolution of the concept of Human Rights Magana carta – Geneva Convention of 1864. Universal Declaration of Human Rights, 1948. Theories of Human Rights.

UNIT III 9

Theories and perspectives of UN Laws – UN Agencies to monitor and compliance.

UNIT IV 9

Human Rights in India –Constitutional Provisions/Guarantees.

UNIT V 9

Human Rights of Disadvantaged People – Women, Children, Displaced persons and Disability persons, including Aged and HIV Infected People. Implementation of Human Rights – National and State Human Rights Commission – Judiciary – Role of NGO's, Media, Educational Institutions, Social Movements.

TOTAL: 45 PERIODS

OUTCOME:

- Engineering students will acquire the basic knowledge of human rights.

REFERENCES:

1. Kapoor S.K., "Human Rights under International law and Indian Laws", CentralLaw Agency, Allahabad, 2014.
2. Chandra U., "Human Rights", Allahabad Law Agency, Allahabad, 2014.
3. UpendraBaxi, The Future of Human Rights, Oxford University Press, New Delhi.

EE8016 **ENERGY MANAGEMENT AND AUDITING** **L T P C**
3 0 0 3

OBJECTIVES:

- To impart knowledge about the following topics:
- To impact concepts behind economic analysis and Load management.
- Energy management on various electrical equipments and metering.
- Concept of lighting systems and cogeneration.

UNIT I - INTRODUCTION **9**

Basics of Energy – Need for energy management – Energy accounting – Energy monitoring, targeting and reporting - Energy audit process.

UNIT II ENERGY MANAGEMENT FOR MOTORS AND COGENERATION **9**

Energy management for electric motors – Transformer and reactors - Capacitors and synchronous machines, energy management by cogeneration – Forms of cogeneration –Feasibility of cogeneration – Electrical interconnection.

UNIT III LIGHTING SYSTEMS **9**

Energy management in lighting systems – Task and the working space - Light sources – Ballasts – Lighting controls – Optimizing lighting energy – Power factor and effect of harmonics, lighting and energy standards.

UNIT IV METERING FOR ENERGY MANAGEMENT **9**

Metering for energy management – Units of measure - Utility meters – Demand meters – Paralleling of current transformers – Instrument transformer burdens – Multi tasking solid state meters, metering location vs requirements, metering techniques and practical examples.

UNIT V ECONOMIC ANALYSIS AND MODELS **9**

Economic analysis – Economic models - Time value of money - Utility rate structures – Cost of electricity – Loss evaluation, load management – Demand control techniques –Utility monitoring and control system – HVAC and energy management – Economic justification.

TOTAL: 45 PERIODS

OUTCOMES:

- Ability to understand the basics of Energy audit process.
- Ability to understand the basics of energy management by cogeneration
- Ability to acquire knowledge on Energy management in lighting systems
- Ability to impact concepts behind economic analysis and Load management.
- Ability to understand the importance of Energy management on various electrical equipment and metering.
- Ability to acquire knowledge on HVAC.

TEXT BOOKS:

1. Barney L. Capehart, Wayne C. Turner, and William J. Kennedy, Guide to Energy Management, Fifth Edition, The Fairmont Press, Inc., 2006
2. Eastop T.D & Croft D.R, Energy Efficiency for Engineers and Technologists, LogmanScientific & Technical, ISBN-0-582-03184 , 1990.

REFERENCES

1. Reay D.A, Industrial Energy Conservation, 1stedition, Pergamon Press, 1977.
2. IEEE Recommended Practice for Energy Management in Industrial and Commercial Facilities, IEEE, 196.
3. Amit K. Tyagi, Handbook on Energy Audits and Management, TERI, 2003.
4. Electricity in buildings good practice guide, McGraw-Hill Education, 2016.
5. National Productivity Council Guide Books

OBT551 **INTRODUCTION TO BIOENERGY AND BIOFUELS** **L T P C**
3 0 0 3

OBJECTIVES:

 This course will be focussed on achievement, acquisition of knowledge and enhancement of comprehension of information regarding bioenergy and biofuel technologies and their sustainable applications.

UNIT I CONCEPTS **9**
Biopower, Bioheat, Biofuesl, advanced liquid fuels, drop-in fuels, biobased products

UNIT II FEEDSTOCKS 9 Harvested Feedstocks: First generation biofuels, Second generation biofuels, third generation biofuels. Residue Feedstocks: Agricultural wastes, forestry wastes, farm waste, organic components of residential, commercial, institutional and insdustrial waste.

UNIT III CONVERSION TECHNOLOGIES **9**
Biorefinery concept – biorefineries and end products, Biochemical conversion – hydrolysis, enzyme and acid hydrolysis, fermentation, anaerobic digestion and trans-esterification, Thermochemical conversion – Combustion, Gasification, Pyrolysis, other thermochemical conversion technologies. Scaling up of emerging technologies.

UNIT IV BIOFUELS **9**
Pros and cons of Biofuels, Algal biofuels, Cyanobacteria and producers of biofuels, Jatropha as biodiesel producer, Bioethanol, Biomethane, biohydrogen, biobutanol, metabolic engineering of fuel molecules, Engineering aspects of biofuels, Economics of biofuels

UNIT V SUSTAINABILITY & RESILIENCE **9**
Environmental Sustainability, bioenergy sustainability, emissions of biomass to power generation applications, emissions from biofuels. ILUC issues, Carbon footprint, Advanced low carbon fuels

TOTAL: 45 PERIODS

TEXTBOOKS:

1. Biorenewable Resources – Engieering new products. Robert C Brown. Blackwell Publishing Professional, 2003.
2. Biofuels. Wim Soetaert and Erik Vandamme (Editors) Wiley. 2009.
3. Biomass for Renewable Energy, Fuels and Chemicals. Donald Klass. Academic press. 1998

REFERENCES:

1. Introduction to Bioenergy.Vaughn C. Nelson and Kenneth L. Starcher.
2. Bioenergy: Biomass to Biofuels by by Anju Dahiya
3. Bioenergy: Principles and Applications by Yebo Li and Samir Kumar Khanal
4. Bioenergy by Judy D. Wall and Caroline S. Harwood
5. Bioenergy: Sustainable Perspectives by Ted Weyland

GE8075	INTELLECTUAL PROPERTY RIGHTS	L T P C 3 0 0 3

OBJECTIVE:

- To give an idea about IPR, registration and its enforcement.

UNIT I INTRODUCTION 9

Introduction to IPRs, Basic concepts and need for Intellectual Property - Patents, Copyrights, Geographical Indications, IPR in India and Abroad – Genesis and Development – the way from WTO to WIPO –TRIPS, Nature of Intellectual Property, Industrial Property, technological Research, Inventions and Innovations – Important examples of IPR.

UNIT II REGISTRATION OF IPRs 10

Meaning and practical aspects of registration of Copy Rights, Trademarks, Patents, Geographical Indications, Trade Secrets and Industrial Design registration in India and Abroad

UNIT III AGREEMENTS AND LEGISLATIONS 10

International Treaties and Conventions on IPRs, TRIPS Agreement, PCT Agreement, Patent Act of India, Patent Amendment Act, Design Act, Trademark Act, Geographical Indication Act.

UNIT IV DIGITAL PRODUCTS AND LAW 9

Digital Innovations and Developments as Knowledge Assets – IP Laws, Cyber Law and Digital Content Protection – Unfair Competition – Meaning and Relationship between Unfair Competition and IP Laws – Case Studies.

UNIT V ENFORCEMENT OF IPRs 7

Infringement of IPRs, Enforcement Measures, Emerging issues – Case Studies.

TOTAL: 45 PERIODS

OUTCOME:

- Ability to manage Intellectual Property portfolio to enhance the value of the firm.

TEXT BOOKS

1. S.V. Satarkar, Intellectual Property Rights and Copy Rights, Ess Ess Publications, New Delhi, 2002.
2. V. Scople Vinod, Managing Intellectual Property, Prentice Hall of India pvt Ltd, 2012

REFERENCES

1. Deborah E. Bouchoux, "Intellectual Property: The Law of Trademarks, Copyrights, Patents and Trade Secrets", Cengage Learning, Third Edition, 2012.
2. Prabuddha Ganguli,"Intellectual Property Rights: Unleashing the Knowledge Economy", McGraw Hill Education, 2011.
3. Edited by Derek Bosworth and Elizabeth Webster, The Management of Intellectual Property, Edward Elgar Publishing Ltd., 2013.

CC7201 DESIGN FOR MANUFACTURE, ASSEMBLY AND ENVIRONMENTS L T P C 3 0 0 3

OBJECTIVES:

- To know the concept of design for manufacturing, assembly and environment.
- To know the computer application in design for manufacturing and assembly.

OUTCOME:

- To make the students get acquainted with the design for manufacturing, assembly and environment.

UNIT I INTRODUCTION **5**

General design principles for manufacturability - strength and mechanical factors, mechanisms selection, evaluation method, Process capability - Feature tolerances Geometric tolerances - Assembly limits -Datum features - Tolerance stacks.

UNIT II FACTORS INFLUENCING FORM DESIGN **13**

Working principle, Material, Manufacture, Design- Possible solutions - Materials choice - Influence of materials on form design - form design of welded members, forgings and castings.

UNIT III COMPONENT DESIGN - MACHINING CONSIDERATION **8**

Design features to facilitate machining - drills - milling cutters - keyways - Doweling procedures, counter sunk screws - Reduction of machined area- simplification by separation - simplification by amalgamation - Design for machinability - Design for economy - Design for clampability - Design for accessibility - Design for assembly.

UNIT IV COMPONENT DESIGN - CASTING CONSIDERATION **10**

Redesign of castings based on Parting line considerations - Minimizing core requirements, machined holes, redesign of cast members to obviate cores. Identification of uneconomical design - Modifying the design - group technology - Computer Applications for DFMA

UNIT V DESIGN FOR THE ENVIRONMENT **9**

Introduction – Environmental objectives – Global issues – Regional and local issues – Basic DFE methods – Design guide lines – Example application – Lifecycle assessment – Basic method – AT&T's environmentally responsible product assessment - Weighted sum assessment method – Lifecycle assessment method – Techniques to reduce environmental impact – Design to minimize material usage – Design for disassembly – Design for recyclability – Design for remanufacture – Design for energy efficiency – Design to regulations and standards.

TOTAL: 45 PERIODS

REFERENCES

1. Boothroyd, G, 1980 Design for Assembly Automation and Product Design. New York, Marcel Dekker.
2. Bralla, Design for Manufacture handbook, McGraw hill, 1999.
3. Boothroyd, G, Heartz and Nike, Product Design for Manufacture, Marcel Dekker, 1994.
4. Dickson, John. R, and Corroda Poly, Engineering Design and Design for Manufacture and Structural Approach, Field Stone Publisher, USA, 1995.
5. Fixel, J. Design for the Environment McGraw hill., 1996.
6. Graedel T. Allen By. B, Design for the Environment Angle Wood Cliff, Prentice Hall. Reason Pub., 1996. 7. Kevien Otto and Kristin Wood, Product Design. Pearson Publication, 2004.

OCE551 AIR POLLUTION AND CONTROL ENGINEERING **L T P C 3 0 0 3**

OBJECTIVE:

□ To impart knowledge on the principle and design of control of Indoor/ particulate/ gaseous air pollutant and its emerging trends.

UNIT I INTRODUCTION 7

Structure and composition of Atmosphere – Definition, Scope and Scales of Air Pollution – Sources and classification of air pollutants and their effect on human health, vegetation, animals, property, aesthetic value and visibility- Ambient Air Quality and Emission standards.

UNIT II METEOROLOGY 6 Effects of meteorology on Air Pollution - Fundamentals, Atmospheric stability, Inversion, Wind profiles and stack plume patterns- Atmospheric Diffusion Theories – Dispersion models, Plume rise.

UNIT III CONTROL OF PARTICULATE CONTAMINANTS 11

Factors affecting Selection of Control Equipment – Gas Particle Interaction – Working principle - Gravity Separators, Centrifugal separators Fabric filters, Particulate Scrubbers, Electrostatic Precipitators.

UNIT IV CONTROL OF GASEOUS CONTAMINANTS 11

Factors affecting Selection of Control Equipment – Working principle - absorption, Adsorption, condensation, Incineration, Bio filters – Process control and Monitoring.

UNIT V INDOOR AIR QUALITY MANAGEMENT 10

Sources, types and control of indoor air pollutants, sick building syndrome and Building related illness- Sources and Effects of Noise Pollution – Measurement – Standards –Control and Preventive measures.

TOTAL: 45 PERIODS

OUTCOMES: The students completing the course will have

□ An understanding of the nature and characteristics of air pollutants, noise pollution and basic concepts of air quality management

□ Ability to identify, formulate and solve air and noise pollution problems

□ Ability to design stacks and particulate air pollution control devices to meet applicable standards.

□ Ability to select control equipments.

□ Ability to ensure quality, control and preventive measures.

TEXTBOOKS:

1. Lawrence K. Wang, Norman C. Pareira, Yung Tse Hung, "Air Pollution Control Engineering", Tokyo, springer science + science media LLC,2004.
2. Noel de Nevers, "Air Pollution Control Engineering", Waveland press,Inc 2017.
3. Anjaneyulu. Y, "Air Pollution and Control Technologies", Allied Publishers (P) Ltd., India 2002.

REFERENCES:

1. David H.F. Liu, Bela G. Liptak, "Air Pollution", Lweis Publishers, 2000.
2. Arthur C. Stern, "Air Pollution (Vol.I – Vol.VIII)", Academic Press, 2006.
3. Wayne T.Davis, "Air Pollution Engineering Manual", John Wiley & Sons, Inc, 2000.
4. M.N Rao and HVN Rao, "Air Pollution",Tata Mcgraw Hill Publishing Company limited,2007.
5. C.S.Rao, "Environmental Pollution Control Engineering",New Age International(P) Limited Publishers,2006.

OME551	ENERGY CONSERVATION AND MANAGEMENT	L T P C 3 0 0 3

OBJECTIVES:

At the end of the course, the student is expected to

- Understand and analyse the energy data of industries
- Carryout energy accounting and balancing
- Conduct energy audit and suggest methodologies for energy savings and
- Utilise the available resources in optimal ways

UNIT I INTRODUCTION 9

Energy - Power – Past & Present scenario of World; National Energy consumption Data – Environmental aspects associated with energy utilization – Energy Auditing: Need, Types, Methodology and Barriers. Role of Energy Managers. Instruments for energy auditing.

UNIT II ELECTRICAL SYSTEMS 9

Components of EB billing – HT and LT supply, Transformers, Cable Sizing, Concept of Capacitors, Power Factor Improvement, Harmonics, Electric Motors - Motor Efficiency Computation, Energy Efficient Motors, Illumination – Lux, Lumens, Types of lighting, Efficacy, LED Lighting and scope of Encon in Illumination.

UNIT III THERMAL SYSTEMS 9

Stoichiometry, Boilers, Furnaces and Thermic Fluid Heaters – Efficiency computation and encon measures. Steam: Distribution &U sage: Steam Traps, Condensate Recovery, Flash Steam Utilization, Insulators & Refractories

UNIT IV ENERGY CONSERVATION IN MAJOR UTILITIES 9

Pumps, Fans, Blowers, Compressed Air Systems, Refrigeration and Air Conditioning Systems – Cooling Towers – D.G. sets

UNIT V ECONOMICS 9

Energy Economics – Discount Rate, Payback Period, Internal Rate of Return, Net Present Value, Life Cycle Costing –ESCO concept

TOTAL: 45 PERIODS

OUTCOMES:

Upon completion of this course, the students can able to analyse the energy data of industries.

- Can carryout energy accounting and balancing
- Can suggest methodologies for energy savings

TEXT BOOK:

1. Energy Manager Training Manual (4 Volumes) available at www.energymanager training.com,a website administered by Bureau of Energy Efficiency (BEE), a statutory body under Ministry of Power, Government of India, 2004.

REFERENCES:

1. Witte. L.C., P.S. Schmidt, D.R. Brown, "Industrial Energy Management and Utilisation" Hemisphere Publ, Washington, 1988.
2. Callaghn, P.W. "Design and Management for Energy Conservation", Pergamon Press, Oxford, 1981.
3. Dryden. I.G.C., "The Efficient Use of Energy" Butterworths, London, 1982
4. Turner. W.C., "Energy Management Hand book", Wiley, New York, 1982.
5. Murphy. W.R. and G. Mc KAY, "Energy Management", Butterworths, London 1987.

OGI751 **CLIMATE CHANGE AND ITS IMPACT** **L T P C**

3 0 0 3

OBJECTIVES:

- To understand the basics of weather and climate
- Tohave an insight on Atmospheric dynamics and transport of heat
- To develop simple climate models and evaluate climate changes using models

UNIT I BASICS OF WEATHER AND CLIMATE: **9**

Shallow film of Air– stratified & disturbed atmosphere – law – atmosphere Engine. Observation of parameters: Temperature – Humidity – Wind - Pressure – precipitation-surface – networks. Constitution of atmosphere: well stirred atmosphere – process around turbopause – in dry air – ozone – carbon Dioxide – Sulphur Dioxide– Aerosol - water. Evolution of Atmosphere. State of atmosphere: Air temperature – pressure – hydrostatic – Chemistry – Distribution – circulation

UNIT II ATMOSPHERIC DYNAMICS: **9**

Atmosphere dynamics: law – isobaric heating and cooling – adiabatic lapse rates – equation of motion - solving and forecasting. Forces – Relative and absolute acceleration – Earth"s rotation *coriolis* on sphere – full equation of motion – Geostrophy;- Thermal winds –departures – small-scale motion. Radiation, convection and advections: sun & solar radiation – energy balance – terrestrial radiation and the atmosphere – Green house effect- Global warming - Global budget – radiative fluxes - heat transport. Atmosphere and ocean systems convecting & advecting heat. Surface and boundary layer – smaller scale weather system – larger scale weather system.

UNIT III GLOBAL CLIMATE **9**

Components and phenomena in the climate system: Time and space scales – interaction and parameterization problem. Gradients of Radiative forcing and energy transports by atmosphere and ocean – atmospheric circulation – latitude structure of the circulation - latitude – longitude dependence of climate features. Ocean circulation: latitude – longitude dependence of climate features – ocean vertical structure – ocean *thermohaline* circulation – land surface processes – carbon cycle.

UNIT IV CLIMATE SYSTEM PROCESSES **9**

Conservation of motion: Force – *coriolis* - pressure gradient- velocity equations – Application – geotropic wind – pressure co-ordinates. Equation of State – atmosphere – ocean. Application: thermal circulation – sea level rise. Temperature equation: Ocean – air – Application – decay of sea surface temperature. Continuity equation: ocean – atmosphere. Application: coastal upwelling – equatorial upwelling – conservation of warm water mass. Moisture and salinity equation: conservation of mass – moisture. Source & sinks – latent heat. Moist processes – saturation – convection – Wave processes in atmosphere and ocean.

UNIT V CLIMATE CHANGE MODELS **9**

Constructing a climate model – climate system modeling – climate simulation and drift – Evaluation of climate model simulation – regional (RCM) – global (GCM) – Global average response to warming – climate change observed to date. .

TOTAL: 45 PERIODS

OUTCOMES:

At the end of the course the student will be able to understand

- The concepts of weather and climate
- The principles of Atmospheric dynamics and transport of heat and air mass
- Thedevelop simple climate models and to predict climate change

TEXTBOOKS:

1. Fundamentals of weather and climate (2nd Edition) Robin Moilveen (2010), Oxford University Press
2. Climate change and climate modeling, J. David Neelin (2011) Cambridge University press.

OCH752 **ENERGY TECHNOLOGY** **L T P C**
3 0 0 3

OBJECTIVES

- Students will gain knowledge about different energy sources

UNIT I ENERGY **8**

Introduction to energy – Global energy scene – Indian energy scene - Units of energy, conversion factors, general classification of energy, energy crisis, energy alternatives.

UNIT II CONVENTIONAL ENERGY **8**

Conventional energy resources, Thermal, hydel and nuclear reactors, thermal, hydel and nuclear power plants, efficiency, merits and demerits of the above power plants, combustion processes, fluidized bed combustion.

UNIT III NON-CONVENTIONAL ENERGY **10**

Solar energy, solar thermal systems, flat plate collectors, focusing collectors, solar water heating, solar cooling, solar distillation, solar refrigeration, solar dryers, solar pond, solar thermal power generation, solar energy application in India, energy plantations. Wind energy, types of windmills, types of wind rotors, Darrieus rotor and Gravian rotor, wind electric power generation, wind power in India, economics of wind farm, ocean wave energy conversion, ocean thermal energy conversion, tidal energy conversion, geothermal energy.

UNIT IV BIOMASS ENERGY **10**

Biomass origin - Resources – Biomass estimation. Thermochemical conversion – Biological conversion, Chemical conversion – Hydrolysis & hydrogenation, solvolysis, biocrude, biodiesel power generation gasifier, biogas, integrated gasification.

UNIT V ENERGY CONSERVATION **9**

Energy conservation - Act; Energy management importance, duties and responsibilities; Energy audit – Types methodology, reports, instruments. Benchmalcing and energy performance, material and energy balance, thermal energy management.

TOTAL: 45 PERIODS

OUTCOMES:

- Understand conventional Energy sources, Non- conventional Energy sources, biomass sources and develop design parameters for equipment to be used in Chemical process industries. Understand energy conservation in process industries

TEXTBOOKS:

1. Rao, S. and Parulekar, B.B., Energy Technology, Khanna Publishers, 2005.
2. Rai, G.D., Non-conventional Energy Sources, Khanna Publishers, New Delhi, 1984.
3. Nagpal, G.R., Power Plant Engineering, Khanna Publishers, 2008.
4. Energy Management, Paul W.O"Callaghan McGraw – Hill, 1993

REFERENCES:

1. Nejat Vezirog, Alternate Energy Sources, IT, McGraw Hill, New York.
2. El. Wakil, Power Plant Technology, Tata McGraw Hill, New York, 2002.
3. Sukhatme. S.P., Solar Enery - Thermal Collection and Storage, Tata McGraw hill, New Delhi, 1981.
4. Handbook of Energy Audit by 7th edition Albert Thumann, P.E., C.E.M & William J Younger C.E.M, Faiment Press 2008

OCE751 ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT L T P C
3 0 0 3

OBJECTIVE:

- To impart the knowledge and skills to identify, assess and mitigate the environmental and social impacts of developmental projects

UNIT I INTRODUCTION **9**

Impacts of Development on Environment – Rio Principles of Sustainable Development- Environmental Impact Assessment (EIA) – Objectives – Historical development – EIA Types – EIA in project cycle –EIA Notification and Legal Framework.

UNIT II ENVIRONMENTAL ASSESSMENT **9**

Screening and Scoping in EIA – Drafting of Terms of Reference,Baseline monitoring, Prediction and Assessment of Impact on land, water, air, noise, flora and fauna - Matrices – Networks – Checklist Methods - Mathematical models for Impact prediction.

UNIT III ENVIRONMENTAL MANAGEMENT PLAN **9**

Plan for mitigation of adverse impact on water, air and land, water, energy, flora and fauna – Environmental Monitoring Plan – EIA Report Preparation – Public Hearing-Environmental Clearance

UNIT IV SOCIO ECONOMIC ASSESSMENT **9**

Baseline monitoring of Socio economic environment – Identification of Project Affected Personal – Rehabilitation and Resettlement Plan- Economic valuation of Environmental impacts – Cost benefit Analysis-

UNIT V CASE STUDIES **9**

EIA case studies pertaining to Infrastructure Projects – Roads and Bridges – Mass Rapid Transport Systems - Airports - Dams and Irrigation projects - Power plants.

TOTAL: 45 PERIODS

OUTCOMES:

The students completing the course will have ability to

- carry out scoping and screening of developmental projects for environmental and social assessments
- explain different methodologies for environmental impact prediction and assessment
- plan environmental impact assessments and environmental managementplans
- evaluate environmental impact assessment reports

TEXTBOOKS:

1. Canter, R.L, "Environmental impact Assessment ", 2nd Edition, McGraw Hill Inc, New Delhi,1995.
2. Lohani, B., J.W. Evans, H. Ludwig, R.R. Everitt, Richard A. Carpenter, and S.L. Tu, "Environmental Impact Assessment for Developing Countries in Asia", Volume 1 – Overview, Asian Development Bank,1997.
3. Peter Morris, Riki Therivel "Methods of Environmental Impact Assessment", Routledge Publishers,2009.

REFERENCES:

1. Becker H. A., Frank Vanclay,"The International handbook of social impact assessment" conceptual and methodological advances, Edward Elgar Publishing,2003.
2. Barry Sadler and Mary McCabe, "Environmental Impact Assessment Training Resource Manual", United Nations Environment Programme,2002.
3. Judith Petts, "Handbook of Environmental Impact Assessment Vol. I and II", Blackwell Science New York, 1998.
4. Ministry of Environment and Forests EIA Notification and Sectoral Guides, Government of India, New Delhi, 2010.

OEN751	GREEN BUILDING DESIGN	L T P C 3 0 0 3

UNIT I ENVIRONMENTAL IMPLICATIONS OF BUILDINGS 9

Energy use, carbon emissions, water use, waste disposal; Building materials: sources, methods of production and environmental Implications. Embodied Energy in Building Materials: Transportation Energy for Building Materials; Maintenance Energy for Buildings.

UNIT II IMPLICATIONS OF BUILDING TECHNOLOGIES EMBODIED ENERGY OF BUILDINGS 9

Framed Construction, Masonry Construction. Resources for Building Materials, Alternative concepts. Recycling of Industrial and Buildings Wastes. Biomass Resources for buildings.

UNIT III COMFORTS IN BUILDING 9

Thermal Comfort in Buildings- Issues; Heat Transfer Characteristic of Building Materials and Building Techniques. Incidence of Solar Heat on Buildings-Implications of Geographical Locations.

UNIT IV UTILITY OF SOLAR ENERGY IN BUILDINGS 9

Utility of Solar energy in buildings concepts of Solar Passive Cooling and Heating of Buildings. Low Energy Cooling. Case studies of Solar Passive Cooled and Heated Buildings.

UNIT V GREEN COMPOSITES FOR BUILDINGS 9

Concepts of Green Composites. Water Utilisation in Buildings, Low Energy Approaches to Water Management. Management of Solid Wastes. Management of Sullage Water and Sewage. Urban Environment and Green Buildings. Green Cover and Built Environment.

TOTAL: 45 PERIODS

TEXT BOOKS:

1. K.S.Jagadish, B. U. Venkataramareddy and K. S. Nanjundarao. Alternative Building Materials and Technologies. New Age International, 2007.
2. Low Energy Cooling For Sustainable Buildings. John Wiley and Sons Ltd, 2009.
3. Sustainable Building Design Manual. Vol 1 and 2, Teri, New Delhi, 2004.

REFERENCES:

1. Osman Attmann Green Architecture Advanced Technologies and Materials. McGraw Hill, 2010.
2. Jerry Yudelson Green building Through Integrated Design. McGraw Hill, 2009.
3. Fundamentals of Integrated Design for Sustainable Building By Marian Keeler, Bill Burke

OCY751	WASTE WATER TREATMENT	L T P C 3 0 0 3

OBJECTIVES

- To make the student conversant with the water treatment methods including adsorption and oxidation process.
- To provide basic under standings about the requirements of water, its preliminary treatment.

UNIT I WATER QUALITY AND PRELIMINARY TREATMENT 9

Water Quality-physical- chemical and biological parameters of water- water quality requirement - potable water standards -wastewater effluent standards -water quality indices. Water purification systems in natural systems- physical processes-chemical processes and biological processes- primary, secondary and tertiary treatment-Unit operations-unit processes. Mixing, clarification - sedimentation; Types; aeration and gas transfer – coagulation and flocculation, coagulation processes - stability of colloids - destabilization of colloids- transport of colloidal particles, clariflocculation.

UNIT II INDUSTRIAL WATER TREATMENT 9

Filtration – size and shape characteristics of filtering media – sand filters hydraulics of filtration – design considerations – radial, upflow, highrate and multimedia filters, pressure filter. Water softening – lime soda, zeolite and demineralization processes – industrial water treatment for boilers.

UNIT III CONVENTIONAL TREATMENT METHODS 9

Taste and odour control – adsorption – activated carbon treatment – removal of color – iron and manganese removal – aeration, oxidation, ion exchange and other methods – effects of fluorides – fluoridation and defluoridation –desalination - corrosion prevention and control – factors influencing corrosion – Langelier index – corrosion control measures.

UNIT IV WASTEWATER TREATMENT 9

Wastewater treatment – pre and primary treatment – equalization neutralization – screening and grid removal – sedimentation – oil separation gas stripping of volatile organics – biological oxidation – lagoons and stabilization basins – aerated lagoons – activated sludge process – trickling filtration – anaerobic decomposition.

UNIT V ADSORPTION AND OXIDATION PROCESSES 9

Chemical process – adsorption – theory of adsorption – ion exchange process – chemical oxidation – advanced oxidation process – sludge handling and disposal – miscellaneous treatment processes.

TOTAL: 45 PERIODS

OUTCOMES

- Will have knowledge about adsorption and oxidation process.
- Will gain idea about various methods available for water treatment.
- Willappreciate the necessity of water and acquire knowledge of preliminary treatment.

TEXTBOOKS:

1. Metcalf and Eddy, "Wastewater Engineering", 4th ed., McGraw Hill Higher Edu., 2002.
2. W. Wesley Eckenfelder, Jr., "Industrial Water Pollution Control", 2nd Edn., McGraw Hill Inc., 1989.

REFERENCES:

1. S.P. Mahajan, "Pollution control in process industries", 27th Ed. Tata McGraw Hill Publishing Company Ltd., 2012.
2. M. Lancaster, "Green Chemistry: An Introductory Text", 2nd edition, RSC publishing, 2010.
3. C.S. Rao, "Environmental Pollution Control Engineering", New Age International, 2007

OAI752 **INTEGRATED WATER RESOURCES MANAGEMENT** **L T P C**

3 0 0 3

OBJECTIVE:

- To introduce the students to the interdisciplinary analysis of water and conceptual design of intervention strategies.
- To develop a knowledge-base on capacity building on IWRM.

UNIT I IWRM FRAMEWORK **9**

Definition – Objectives – Principles - Evolution of IWRM - IWRM relevance in water resources management – Paradigm shift : Processes and prospective outcomes

UNIT II CONTEXTUALIZING IWRM **9**

UN formulations - SDG goals - IWRM in Global, Regional and Local water partnership – Institutional transformation - Bureaucratic reforms - Inclusive development

UNIT III EMERGING ISSUES IN WATER MANAGEMENT **9**

Emerging Issues — Drinking water management in the context of climate change - IWRM and irrigation - Flood – Drought – Pollution – Linkages between water, health and poverty

UNIT IV IWRM AND WATER RESOURCES DEVELOPMENT IN INDIA **9**

Rural Development - Ecological sustainability- -Watershed development and conservation - Ecosystem regeneration – Wastewater reuse - Sustainable livelihood - Food security

UNIT V ASPECTS OF INTEGRATED DEVELOPMENT **9**

Capacity building - Conceptual framework of IWRM – Problems and policy issues - Solutions for effective integrated water management - Case studies

TOTAL: 45 PERIODS

OUTCOMES:

The students will be able to

- Understand objectives, principles and evolution of integrated water resources management.
- Have an idea of contextualizing IWRM
- Gain knowledge in emerging issues in water management, flood, drought, pollution and poverty.
- Understand the water resources development in India and wastewater reuse.
- Gain knowledge on integrated development of water management.

TEXTBOOKS:

1. Mollinga P. et al. "Integrated Water Resources Management", Water in South Asia Volume I, Sage Publications, 2006.
2. Sithamparanathan, Rangasamy, A., and Arunachalam, N., "Ecosystem Principles and Sustainable Agriculture", Scitech Publications (India) Pvt.Lt, Chennai, 1999.

REFERENCES:

1. Cech Thomas V., Principles of Water Resources: History, Development, Management and Policy. John Wiley and Sons Inc., New York. 2003.
2. Murthy, J.V.S., "Watershed Management in India", Wiley Eastern Ltd., New York, 1995.
3. Dalte, S.J.C., "Soil Conservation and Land Management", International Book Distribution, India, 1986.

OMF751 **LEAN SIX SIGMA** **L T P C 3 0 0 3**

OBJECTIVE:

- To gain insights about the importance of lean manufacturing and six sigma practices.

UNIT I LEAN & SIX SIGMA BACKGROUND AND FUNDAMENTALS 9

Historical Overview – Definition of quality – What is six sigma -TQM and Six sigma - lean manufacturing and six sigma- six sigma and process tolerance – Six sigma and cultural changes – six sigma capability – six sigma need assessments - implications of quality levels, Cost of Poor Quality (COPQ), Cost of Doing Nothing – assessment questions

UNIT II THE SCOPE OF TOOLS AND TECHNIQUES 9

Tools for definition – IPO diagram, SIPOC diagram, Flow diagram, CTQ Tree, Project Charter – Tools for measurement – Check sheets, Histograms, Run Charts, Scatter Diagrams, Cause and effect diagram, Pareto charts, Control charts, Flow process charts, Process Capability Measurement, Tools for analysis – Process Mapping, Regression analysis, RU/CS analysis, SWOT, PESTLE, Five Whys, interrelationship diagram, overall equipment effectiveness, TRIZ innovative problem solving – Tools for improvement – Affinity diagram, Normal group technique, SMED, 5S, mistake proofing, Value stream Mapping, forced field analysis – Tools for control – Gantt chart, Activity network diagram, Radar chart, PDCA cycle, Milestone tracker diagram, Earned value management.

UNIT III SIX SIGMA METHODOLOGIES 9

Design For Six Sigma (DFSS),Design For Six Sigma Method - Failure Mode Effect Analysis (FMEA), FMEA process - Risk Priority Number (RPN)- Six Sigma and Leadership, committed leadership – Change Acceleration Process (CAP)- Developing communication plan – Stakeholder

UNIT IV SIX SIGMA IMPLEMENTATION AND CHALLENGES 9

Tools for implementation – Supplier Input Process Output Customer (SIPOC) – Quality Function Deployment or House of Quality (QFD) – alternative approach –implementation – leadership training, close communication system, project selection – project management and team – champion training – customer quality index – challenges – program failure, CPQ vs six sigma, structure the deployment of six sigma – cultural challenge – customer/internal metrics

UNIT V EVALUATION AND CONTINUOUS IMPROVEMENT METHODS 9

Evaluation strategy – the economics of six sigma quality, Return on six Sigma (ROSS), ROI, poor project estimates – continuous improvement – lean manufacturing – value, customer focus, Perfection, focus on waste, overproduction – waiting, inventory in process (IIP), processing waste, transportation, motion, making defective products, underutilizing people – Kaizen – 5S

TOTAL: 45 PERIODS

OUTCOME:

- Thestudent would be able to relate the tools and techniques of lean sigma to increase productivity

REFERENCES:

1. Michael L.George, David Rownalds, Bill Kastle, What is Lean Six Sigma, McGraw – Hill 2003
2. Thomas Pyzdek, The Six Sigma Handbook, McGraw-Hill,2000
3. Fred Soleimannejed , Six Sigma, Basic Steps and Implementation, AuthorHouse, 2004
4. Forrest W. Breyfogle, III, James M. Cupello, Becki Meadows, Managing Six Sigma:A Practical Guide to Understanding, Assessing, and Implementing the Strategy That Yields Bottom-Line Success, John Wiley & Sons, 2000
5. James P. Womack, Daniel T.Jones, Lean Thinking, Free Press Business, 2003

3. R2013 - List of courses address the Ethics, Gender, Human Values, Environmental Sustainability and Syllabus.

1. GE6075- Professional Ethics in Engineering
2. GE6351 - Environmental Science and Engineering
3. MG6851- Principles of Management
4. GE6757- Total Quality Management
5. GE 6083- Disaster Management
6. GE6084- Human Rights
7. MG6071- Entrepreneurship Development
8. ME6003- Renewable Sources of Energy

GE6075 **PROFESSIONAL ETHICS IN ENGINEERING** **L T P C**
3 0 0 3

OBJECTIVES:

 To enable the students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

UNIT I HUMAN VALUES **10**

Morals, values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others – Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time – Cooperation – Commitment – Empathy – Self confidence – Character – Spirituality – Introduction to Yoga and meditation for professional excellence and stress management.

UNIT II ENGINEERING ETHICS **9**

Senses of „Engineering Ethics" – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Kohlberg"s theory – Gilligan"s theory – Consensus and Controversy – Models of professional roles - Theories about right action – Self-interest – Customs and Religion – Uses of Ethical Theories

UNIT III ENGINEERING AS SOCIAL EXPERIMENTATION **9**

Engineering as Experimentation – Engineers as responsible Experimenters – Codes of Ethics – A Balanced Outlook on Law.

UNIT IV SAFETY, RESPONSIBILITIES AND RIGHTS **9**

Safety and Risk – Assessment of Safety and Risk – Risk Benefit Analysis and Reducing Risk - Respect for Authority – Collective Bargaining – Confidentiality – Conflicts of Interest – Occupational Crime – Professional Rights – Employee Rights – Intellectual Property Rights (IPR) – Discrimination

UNIT V GLOBAL ISSUES **8**

Multinational Corporations – Environmental Ethics – Computer Ethics – Weapons Development – Engineers as Managers – Consulting Engineers – Engineers as Expert Witnesses and Advisors – Moral Leadership –Code of Conduct – Corporate Social Responsibility

TOTAL: 45 PERIODS

OUTCOMES:

 Upon completion of the course, the student should be able to apply ethics in society, discuss the ethical issues related to engineering and realize the responsibilities and rights in the society

TEXTBOOKS:

1. Mike W. Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw Hill, New Delhi, 2003.
2. Govindarajan M, Natarajan S, Senthil Kumar V. S, "Engineering Ethics", Prentice Hall of India, New Delhi, 2004.

REFERENCES:

1. Charles B. Fleddermann, "Engineering Ethics", Pearson Prentice Hall, New Jersey, 2004.
2. Charles E. Harris, Michael S. Pritchard and Michael J. Rabins, "Engineering Ethics – Concepts and Cases", Cengage Learning, 2009
3. John R Boatright, "Ethics and the Conduct of Business", Pearson Education, New Delhi, 2003
4. Edmund G Seebauer and Robert L Barry, "Fundametals of Ethics for Scientists and Engineers", Oxford University Press, Oxford, 2001
5. Laura P. Hartman and Joe Desjardins, "Business Ethics: Decision Making for Personal Integrity and Social Responsibility" Mc Graw Hill education, India Pvt. Ltd.,New Delhi 2013.
6. World Community Service Centre, „ Value Education", Vethathiri publications, Erode, 2011

Web sources:

1. www.onlineethics.org
2. www.nspe.org
3. www.globalethics.org
4. www.ethics.org

GE6351 **ENVIRONMENTAL SCIENCE AND ENGINEERING** **L T P C**
3 0 0 3

OBJECTIVES:

To the study of nature and the facts about environment.

- To find and implement scientific, technological, economic and political solutions to environmental problems.
- To study the interrelationship between living organism and environment.
- To appreciate the importance of environment by assessing its impact on the human world; envision the surrounding environment, its functions and its value.
- To study the dynamic processes and understand the features of the earth"s interior and surface.
- To study the integrated themes and biodiversity, natural resources, pollution control and waste management.

UNIT I ENVIRONMENT, ECOSYSTEMS AND BIODIVERSITY **12**

Definition, scope and importance of Risk and hazards; Chemical hazards, Physical hazards, Biological hazards in the environment – concept of an ecosystem – structure and function of an ecosystem – producers, consumers and decomposers-Oxygen cycle and Nitrogen cycle – energy flow in the ecosystem – ecological succession processes – Introduction, types, characteristic features, structure and function of the (a) forest ecosystem (b) grassland ecosystem (c) desert ecosystem (d) aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) – Introduction to biodiversity definition: genetic, species and ecosystem diversity – biogeographical classification of India – value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values – Biodiversity at global, national and local levels – India as a mega-diversity nation – hot-spots of biodiversity – threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts – endangered and endemic species of India – conservation of biodiversity: In-situ and ex-situ conservation of biodiversity. Field study of common plants, insects, birds Field study of simple ecosystems – pond, river, hill slopes, etc.

UNIT II ENVIRONMENTAL POLLUTION **10**

Definition – causes, effects and control measures of: (a) Air pollution (Atmospheric chemistry- Chemical composition of the atmosphere; Chemical and photochemical reactions in the atmosphere - formation of smog, PAN, acid rain, oxygen and ozone chemistry;- Mitigation procedures- Control of particulate and gaseous emission, Control of SO2, NOX, CO and HC) (b) Water pollution : Physical and chemical properties of terrestrial and marine water and their environmental significance; Water quality parameters – physical, chemical and biological; absorption of heavy metals - Water treatment processes. (c) Soil pollution - soil waste management: causes, effects and control measures of municipal solid wastes – (d) Marine pollution (e) Noise pollution (f) Thermal pollution (g) Nuclear hazards–role of an individual in prevention of pollution – pollution case studies – Field study of local polluted site – Urban / Rural / Industrial / Agricultural.

UNIT III NATURAL RESOURCES **10**

Forest resources: Use and over-exploitation, deforestation, case studies- timber extraction, mining, dams and their effects on forests and tribal people – Water resources: Use and overutilization of surface and ground water, dams-benefits and problems – Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies – Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies – Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Energy Conversion processes – Biogas – production and uses, anaerobic digestion; case studies – Land resources: Land as a resource, land

degradation, man induced landslides, soil erosion and desertification – role of an individual in conservation of natural resources – Equitable use of resources
for sustainable lifestyles. Introduction to Environmental Biochemistry: Proteins –Biochemical degradation of pollutants, Bioconversion of pollutants. Field study of local area to document environmental assets – river/forest/grassland/hill/mountain.

UNIT IV SOCIAL ISSUES AND THE ENVIRONMENT 7

From unsustainable to sustainable development – urban problems related to energy – water conservation, rain water harvesting, watershed management – resettlement and rehabilitation of people; its problems and concerns, case studies – role of non-governmental organization- environmental ethics: Issues and possible solutions – 12 Principles of green chemistry- nuclear accidents and holocaust, case studies. – wasteland reclamation – consumerism and waste products – environment production act – Air act – Water act – Wildlife protection act – Forest conservation act –The Biomedical Waste (Management and Handling) Rules; 1998 and amendments- scheme of labeling of environmentally friendly products (Ecomark). enforcement machinery involved in environmental legislation- central and state pollution control boards- disaster management: floods, earthquake, cyclone and landslides. Public awareness.

UNIT V HUMAN POPULATION AND THE ENVIRONMENT

6 Population growth, variation among nations – population explosion – family welfare programme – environment and human health – human rights – value education – HIV / AIDS – women and child welfare –Environmental impact analysis (EIA)- -GIS-remote sensing-role of information technology in environment and human health – Case studies.

TOTAL: 45 PERIODS

OUTCOMES:

Environmental Pollution or problems cannot be solved by mere laws. Public participation is an important aspect which serves the environmental Protection. One will obtain knowledge on the following after completing the course.

- Public awareness of enviroment at infant stage.
- Ignorance and incomplete knowledge has lead to misconceptions.
- Development and improvement in standard of living has lead to serious environmental disasters.

TEXT BOOKS:

1. Gilbert M.Masters, „Introduction to Environmental Engineering and Science", 2nd Edition, Pearson Education 2004. 2. Benny Joseph, „Environmental Science and Engineering", Tata Mc Graw-Hill, New Delhi, 2006.

REFERENCES:

1. R.K. Trivedi, "Handbook of Environmental Laws, Rules, Guidelines, Compliances and Standard", Vol. I and II, Enviro Media.
2. Cunningham, W.P. Cooper, T.H. Gorhani, „Environmental Encyclopedia",Jaico Publ.,House, Mumbai, 2001.
3. Dharmendra S. Sengar, „Environmental law", Prentice Hall of India PVT LTD, New Delhi, 2007.
4. Rajagopalan, R, „Environmental Studies-From Crisis to Cure", Oxford University Press 2005.

MG6851 **PRINCIPLES OF MANAGEMENT** **LT P C**
3 0 0 3

OBJECTIVES:

- To enable the students to study the evolution of Management, to study the functions and principles of management and to learn the application of the principles in an organization.

UNIT I INTRODUCTION TO MANAGEMENT AND ORGANIZATIONS **9**

Definition of Management – Science or Art – Manager Vs Entrepreneur - types of managers -managerial roles and skills – Evolution of Management – Scientific, human relations , system and contingency approaches – Types of Business organization - Sole proprietorship, partnership, company-public and private sector enterprises - Organization culture and Environment – Current trends and issues in Management.

UNIT II PLANNING **9**

Nature and purpose of planning – planning process – types of planning – objectives – setting objectives – policies – Planning premises – Strategic Management – Planning Tools and Techniques – Decision making steps and process.

UNIT III ORGANISING **9**

Nature and purpose – Formal and informal organization – organization chart – organization structure – types – Line and staff authority – departmentalization – delegation of authority – centralization and decentralization – Job Design - Human Resource Management – HR Planning, Recruitment, selection, Training and Development, Performance Management , Career planning and management.

UNIT IV DIRECTING **9**

Foundations of individual and group behaviour – motivation – motivation theories – motivational techniques – job satisfaction – job enrichment – leadership – types and theories of leadership – communication – process of communication – barrier in communication – effective communication – communication and IT.

UNIT V CONTROLLING **9**

System and process of controlling – budgetary and non-budgetary control techniques – use of computers and IT in Management control – Productivity problems and management – control and performance – direct and preventive control – reporting.

TOTAL: 45 PERIODS

OUTCOMES :

- Upon completion of the course, students will be able to have clear understanding of managerial functions like planning, organizing, staffing, leading & controlling and have same basic knowledge on international aspect of management

TEXTBOOKS:

1. Stephen P. Robbins & Mary Coulter, "Management", 10th Edition, Prentice Hall (India) Pvt. Ltd., 2009.
2. JAF Stoner, Freeman R.E and Daniel R Gilbert "Management", 6th Edition, Pearson Education, 2004.

REFERENCES:

1. Stephen A. Robbins & David A. Decenzo & Mary Coulter, "Fundamentals of Management" 7th Edition, Pearson Education, 2011.
2. Robert Kreitner & Mamata Mohapatra, "Management", Biztantra, 2008.
3. Harold Koontz & Heinz Weihrich "Essentials of management" Tata Mc Graw Hill, 1998.
4. Tripathy PC & Reddy PN, "Principles of Management", Tata McGraw Hill, 1999.

GE6757	TOTAL QUALITY MANAGEMENT	L T P C 3 0 0 3

OBJECTIVE :

- To facilitate the understanding of Quality Management principles and process.

UNIT I INTRODUCTION 9

Introduction - Need for quality - Evolution of quality - Definitions of quality - Dimensions of product and service quality - Basic concepts of TQM - TQM Framework - Contributions of Deming, Juran and Crosby - Barriers to TQM - Quality statements - Customer focus - Customer orientation, Customer satisfaction, Customer complaints, Customer retention - Costs of quality.

UNIT II TQM PRINCIPLES 9

Leadership - Strategic quality planning, Quality Councils - Employee involvement - Motivation, Empowerment, Team and Teamwork, Quality circles Recognition and Reward, Performance appraisal - Continuous process improvement - PDCA cycle, 5S, Kaizen - Supplier partnership - Partnering, Supplier selection, Supplier Rating.

UNIT III TQM TOOLS AND TECHNIQUES I 9

The seven traditional tools of quality - New management tools - Six sigma: Concepts, Methodology, applications to manufacturing, service sector including IT - Bench marking - Reason to bench mark, Bench marking process - FMEA - Stages, Types.

UNIT IV TQM TOOLS AND TECHNIQUES II 9

Control Charts - Process Capability - Concepts of Six Sigma - Quality Function Development (QFD) - Taguchi quality loss function - TPM - Concepts, improvement needs - Performance measures.

UNIT V QUALITY SYSTEMS 9

Need for ISO 9000 - ISO 9001-2008 Quality System - Elements, Documentation, Quality Auditing - QS 9000 - ISO 14000 - Concepts, Requirements and Benefits - TQM Implementation in manufacturing and service sectors.

TOTAL: 45 PERIODS

OUTCOMES :

- The student would be able to apply the tools and techniques of quality management to manufacturing and services processes.

TEXTBOOK:

1. Dale H. Besterfiled, et at., "Total quality Management", Pearson Education Asia, Third Edition, Indian Reprint 2006.

REFERENCES:

1. James R. Evans and William M. Lindsay, "The Management and Control of Quality", 8th Edition, First Indian Edition, Cengage Learning, 2012.
2. Suganthi.L and Anand Samuel, "Total Quality Management", Prentice Hall (India) Pvt. Ltd., 2006.
3. Janakiraman. B and Gopal .R.K., "Total Quality Management - Text and Cases", Prentice Hall (India) Pvt. Ltd., 2006.

GE6083	DISASTER MANAGEMENT	L T P C
		3 0 0 3

OBJECTIVES:

- To provide students an exposure to disasters, their significance and types.
- To ensure that students begin to understand the relationship between vulnerability, disasters, disaster prevention and risk reduction
- Togain a preliminary understanding of approaches of Disaster Risk Reduction (DRR)
- To enhance awareness of institutional processes in the country and To develop rudimentary ability to respond to their surroundings with potential disaster response in areas where they live, with due sensitivity

UNIT I INTRODUCTION TO DISASTERS 9

Definition: Disaster, Hazard, Vulnerability, Resilience, Risks – Disasters: Types of disasters – Earthquake, Landslide, Flood, Drought, Fire etc - Classification, Causes, Impacts including social, economic, political, environmental, health, psychosocial, etc.- Differential impacts- in terms of caste, class, gender, age, location, disability - Global trends in disasters: urban disasters, pandemics, complex emergencies, Climate change- Dos and Don''ts during various types of Disasters.

UNIT II APPROACHES TO DISASTER RISK REDUCTION (DRR) 9

Disaster cycle - Phases, Culture of safety, prevention, mitigation and preparedness community based DRR, Structural- nonstructural measures, Roles and responsibilities of- community, Panchayati Raj Institutions/Urban Local Bodies (PRIs/ULBs), States, Centre, and other stake-holders- Institutional Processess and Framework at State and Central Level- State Disaster Management Authority(SDMA) – Early Warning System – Advisories from Appropriate Agencies.

UNIT III INTER-RELATIONSHIP BETWEEN DISASTERS AND DEVELOPMENT 9

Factors affecting Vulnerabilities, differential impacts, impact of Development projects such as dams, embankments, changes in Land-use etc.- Climate Change Adaptation- IPCC Scenario and Scenarios in the context of India - Relevance of indigenous knowledge, appropriate technology and local resources.

UNIT IV DISASTER RISK MANAGEMENT IN INDIA 9

Hazard and Vulnerability profile of India, Components of Disaster Relief: Water, Food, Sanitation, Shelter, Health, Waste Management, Institutional arrangements (Mitigation, Response and Preparedness, Disaster Management Act and Policy - Other related policies, plans, programmes and legislation – Role of GIS and Information Technology Components in Preparedness, Risk Assessment, Response and Recovery Phases of Disaster – Disaster Damage Assessment.

UNIT V DISASTER MANAGEMENT: APPLICATIONS AND CASE STUDIES AND FIELD WORKS 9

Landslide Hazard Zonation: Case Studies, Earthquake Vulnerability Assessment of Buildings and Infrastructure: Case Studies, Drought Assessment: Case Studies, Coastal Flooding: Storm Surge Assessment, Floods: Fluvial and Pluvial Flooding: Case Studies; Forest Fire: Case Studies, Man Made disasters: Case Studies, Space Based Inputs for Disaster Mitigation and Management and field works related to disaster management.

TOTAL: 45 PERIODS

OUTCOMES:

The students will be able to

- Differentiate the types of disasters, causes and their impact on environment and society
- Assess vulnerability and various methods of risk reduction measures as well as mitigation.
- Draw the hazard and vulnerability profile of India, Scenarious in the Indian context, Disaster damage assessment and management

TEXTBOOK:

1. Singhal J.P. "Disaster Management", Laxmi Publications, 2010. ISBN-10: 9380386427 ISBN-13: 978-9380386423
2. Tushar Bhattacharya, "Disaster Science and Management", McGraw Hill India Education Pvt. Ltd., 2012. **ISBN-10:** 1259007367, **ISBN-13:** 978-1259007361]
3. Gupta Anil K, Sreeja S. Nair. Environmental Knowledge for Disaster Risk Management, NIDM, New Delhi, 2011
4. Kapur Anu Vulnerable India: A Geographical Study of Disasters, IIAS and Sage Publishers, New Delhi, 2010.

REFERENCES

1. Govt. of India: Disaster Management Act , Government of India, New Delhi, 2005
2. Government of India, National Disaster Management Policy,2009.

GE6084 **HUMAN RIGHTS** **L T P C**
3 0 0 3

OBJECTIVES :

□ To sensitize the Engineering students to various aspects of Human Rights.

UNIT I **9**
Human Rights – Meaning, origin and Development. Notion and classification of Rights – Natural, Moral and Legal Rights. Civil and Political Rights, Economic, Social and Cultural Rights; collective / Solidarity Rights.

UNIT II **9**
Evolution of the concept of Human Rights Magana carta – Geneva convention of 1864. Universal Declaration of Human Rights, 1948. Theories of Human Rights.

UNIT III **9**
Theories and perspectives of UN Laws – UN Agencies to monitor and compliance.

UNIT IV 9
Human Rights in India – Constitutional Provisions / Guarantees.

UNIT V **9**
Human Rights of Disadvantaged People – Women, Children, Displaced persons and Disabled persons, including Aged and HIV Infected People. Implementation of Human Rights – National and State Human Rights Commission – Judiciary – Role of NGO"s, Media, Educational Institutions, Social Movements.

TOTAL : 45 PERIODS

OUTCOMES:

□ Engineering students will acquire the basic knowledge of human rights.

REFERENCES:

1. Kapoor S.K., "Human Rights under International law and Indian Laws", Central Law Agency, Allahabad, 2014.
2. Chandra U., "Human Rights", Allahabad Law Agency, Allahabad, 2014.
3. Upendra Baxi, The Future of Human Rights, Oxford University Press, New Delhi.

MG6071	ENTERPRENEURSHIP DEVELOPMENT	L T P C 3 0 0 3

OBJECTIVE:

To develop and strengthen entrepreneurial quality and motivation in students and to impart basic entrepreneurial skills and understanding to run a business efficiently and effectively.

UNIT I ENTREPRENEURSHIP 9

Entrepreneur – Types of Entrepreneurs – Difference between Entrepreneur and Intrapreneur Entrepreneurship in Economic Growth, Factors Affecting Entrepreneurial Growth.

UNIT II MOTIVATION 9

Major Motives Influencing an Entrepreneur – Achievement Motivation Training, Self Rating, Business Games, Thematic Apperception Test – Stress Management, Entrepreneurship Development Programs – Need, Objectives.

UNIT III BUSINESS 9

Small Enterprises – Definition, Classification – Characteristics, Ownership Structures – Project Formulation – Steps involved in setting up a Business – identifying, selecting a Good Business opportunity, Market Survey and Research, Techno Economic Feasibility Assessment – Preparation of Preliminary Project Reports – Project Appraisal – Sources of Information – Classification of Needs and Agencies.

UNIT IV FINANCING AND ACCOUNTING 9

Need – Sources of Finance, Term Loans, Capital Structure, Financial Institution, Management of working Capital, Costing, Break Even Analysis, Taxation – Income Tax, Excise Duty – Sales Tax.

UNIT V SUPPORT TO ENTREPRENEURS 9

Sickness in small Business – Concept, Magnitude, Causes and Consequences, Corrective Measures-Business Incubators – Government Policy for Small Scale Enterprises – Growth Strategies in small industry – Expansion, Diversification, Joint Venture, Merger and Sub Contracting.

OUTCOMES:

Upon completion of the course, students will be able to gain knowledge and skills needed to run a business successfully.

TOTAL: 45 PERIODS

TEXTBOOKS:

1. S.S.Khanka, "Entrepreneurial Development" S.Chand & Co. Ltd., Ram Nagar, New Delhi, 2013.
2. Donald F Kuratko, " Entreprenuership – Theory, Process and Practice", 9th edition, Cengage Learning 2014.

REFERENCES:

1. Hisrich R D, Peters M P, "Entrepreneurship" 8th Edition, Tata McGraw-Hill, 2013.
2. Mathew J Manimala, "Entrepreneurship Theory at Cross Roads: paradigms and Praxis", 2nd Edition Dream Tech, 2005.
3. Rajeev Roy, "Entrepreneurship" 2nd edition, Oxford University Press, 2011.
4. EDII "Faulty and External Experts – A Hand Book for New Entrepreneurs Publishers: Entrepreneurship Development", Institute of India, Ahmadabad, 1986

ME6003 **RENEWABLE SOURCES OF ENERGY** **L T P C**
3 0 0 3

OBJECTIVES:

□ □ At the end of the course, the students are expected to identify the newmethodologies / technologies for effective utilization of renewable energy sources.

UNIT I INTRODUCTION **9**

World Energy Use – Reserves of Energy Resources – Environmental Aspects of Energy Utilisation – Renewable Energy Scenario in Tamil nadu, India and around the World – Potentials - Achievements / Applications – Economics of renewable energy systems.

UNIT II SOLAR ENERGY **9**

Solar Radiation – Measurements of Solar Radiation - Flat Plate and Concentrating Collectors – Solar direct Thermal Applications – Solar thermal Power Generation - Fundamentals of Solar Photo VoltaicConversion – Solar Cells – Solar PV Power Generation – Solar PV Applications.

UNIT III WIND ENERGY **9**

Wind Data and Energy Estimation – Types of Wind Energy Systems – Performance – Site Selection – Details of Wind Turbine Generator – Safety and Environmental Aspects

UNIT IV BIO - ENERGY **9**

Biomass direct combustion – Biomass gasifiers – Biogas plants – Digesters – Ethanol production – Bio diesel – Cogeneration - Biomass Applications

UNIT V OTHER RENEWABLE ENERGY SOURCES **9**

Tidal energy – Wave Energy – Open and Closed OTEC Cycles – Small Hydro-Geothermal Energy – Hydrogen and Storage - Fuel Cell Systems – Hybrid Systems.

TOTAL: 45 PERIODS

OUTCOMES:

□ Upon completion of this course, the students can able to identify the new methodologies / technologies for effective utilization of renewable energy sources.

TEXT BOOKS:

1. Rai. G.D., "Non Conventional Energy Sources", Khanna Publishers, New Delhi, 2011.
2. Twidell, J.W. & Weir, A., "Renewable Energy Sources", EFN Spon Ltd., UK, 2006.

REFERENCES:

1. Sukhatme. S.P., "Solar Energy", Tata McGraw Hill Publishing Company Ltd., New Delhi, 1997.
2. Godfrey Boyle, "Renewable Energy, Power for a Sustainable Future", Oxford University Press, U.K., 1996.
3. Tiwari. G.N., Solar Energy – "Fundamentals Design, Modelling & Applications", Narosa Publishing House, New Delhi, 2002.
4. Freris. L.L., "Wind Energy Conversion Systems", Prentice Hall, UK, 1990.
5. Johnson Gary, L. "Wind Energy Systems", Prentice Hall, New York, 1985
6. David M. Mousdale – "Introduction to Biofuels", CRC Press, Taylor & Francis Group, USA 2010
7. Chetan Singh Solanki, Solar Photovoltaics, "Fundamentals, Technologies and Applications", PHI Learning Private Limited, New Delhi, 2009.

4. R2008 - List of courses address the Ethics, Gender, Human Values, Environmental Sustainability and Syllabus.

1. GE2025-Professional Ethics in Engineering
2. GE2021- Environmental Science and Engineering
3. MG2351 - Principles of Management
4. GE2022 - Total Quality Management
5. GE2071- Intellectual Property Rights
6. ME2023 - Renewable Sources of Energy

GE2025	PROFESSIONAL ETHICS IN ENGINEERING	L T P C 3 0 0 3

UNIT I ENGINEERING ETHICS 9

Senses of 'Engineering Ethics' – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Kohlberg's theory – Gilligan's theory – Consensus and Controversy – Professions and Professionalism – Professional Ideals and Virtues – Uses of Ethical Theories

UNIT II ENGINEERING AS SOCIAL EXPERIMENTATION 9

Engineering as Experimentation – Engineers as responsible Experimenters – Research Ethics - Codes of Ethics – Industrial Standards - A Balanced Outlook on Law – The Challenger Case Study

UNIT III ENGINEER'S RESPONSIBILITY FOR SAFETY 9

Safety and Risk – Assessment of Safety and Risk – Risk Benefit Analysis – Reducing Risk – The Government Regulator's Approach to Risk - Chernobyl Case Studies and Bhopal

UNIT IV RESPONSIBILITIES AND RIGHTS 9

Collegiality and Loyalty – Respect for Authority – Collective Bargaining – Confidentiality – Conflicts of Interest – Occupational Crime – Professional Rights – Employee Rights – Intellectual Property Rights (IPR) - Discrimination

UNIT V GLOBAL ISSUES 9

Multinational Corporations – Business Ethics - Environmental Ethics – Computer Ethics - Role in Technological Development – Weapons Development – Engineers as Managers – Consulting Engineers – Engineers as Expert Witnesses and Advisors – Honesty – Moral Leadership – Sample Code of Conduct

TOTAL: 45 PERIODS

TEXT BOOKS:

1. Mike Martin and Roland Schinzinger, "Ethics in Engineering", McGraw Hill, New York, 2005.
2. Charles E Harris, Michael S Pritchard and Michael J Rabins, "Engineering Ethics – Concepts and Cases", Thompson Learning, 2000.

REFERENCES:

1. Charles D Fleddermann, "Engineering Ethics", Prentice Hall, New Mexico, 1999.
2. John R Boatright, "Ethics and the Conduct of Business", Pearson Education, 2003
3. Edmund G Seebauer and Robert L Barry, "Fundamentals of Ethics for Scientists and Engineers", Oxford University Press, 2001.
4. Prof. (Col) P S Bajaj and Dr. Raj Agrawal, "Business Ethics – An Indian Perspective", Biztantra, New Delhi, 2004.
5. David Ermann and Michele S Shauf, "Computers, Ethics and Society", Oxford University Press, (2003)

GE2021	ENVIRONMENTAL SCIENCE AND ENGINEERING	L T P C 3 0 0 3

AIM

- The aim of this course is to create awareness in every engineering graduate about the importance of environment, the effect of technology on the environment and ecological balance and make them sensitive to the environment problems in every professional Endeavour that they participates.

OBJECTIVE

□ At the end of this course the student is expected to understand what constitutes the environment, what are precious resources in the environment, how to conserve these resources, what is the role of a human being in maintaining a clean environment and useful environment for the future generations and how to maintain ecological balance and preserve bio-diversity. The role of government and nongovernment organization in environment managements.

UNIT I ENVIRONMENT, ECOSYSTEMS AND BIODIVERSITY 9

Definition, scope and importance of environment – need for public awareness – concept of an ecosystem – structure and function of an ecosystem – producers, consumers and decomposers – energy flow in the ecosystem – ecological succession – food chains, food webs and ecological pyramids – Introduction, types, characteristic features, structure and function of the (a) forest ecosystem (b) grassland ecosystem (c) desert ecosystem (d) aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) –Introduction to biodiversity definition: genetic, species and ecosystem diversity – biogeographical classification of India – value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values – Biodiversity at global, national and local levels – India as a mega-diversity nation – hot-spots of biodiversity – threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts – endangered and endemic species of India – conservation of biodiversity: In-situ and exsit uconservation of biodiversity.Field study of common plants, insects, birds Field study of simple ecosystems – pond, river, hill slopes, etc.

UNIT II ENVIRONMENTAL POLLUTION 8

Definition – causes, effects and control measures of: (a) Air pollution (b) Water pollution (c) Soil pollution (d) Marine pollution (e) Noise pollution (f) Thermal pollution (g) Nuclear hazards – solid waste management: causes, effects and control measures of municipal solid wastes – role of an individual in prevention of pollution – pollution case studies – disaster management: floods, earthquake, cyclone and landslides. Field study of local polluted site – Urban / Rural / Industrial / Agricultural.

UNIT III NATURAL RESOURCES 10

Forest resources: Use and over-exploitation, deforestation, case studies- timber extraction, mining, dams and their effects on forests and tribal people – Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems – Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies – Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies – Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. case studies – Landresources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification – role of an individual in conservation of natural resources – Equitable use of resources for sustainable lifestyles. Field study of local area to document environmental assets – river / forest / grassland / hill / mountain.

UNIT IV SOCIAL ISSUES AND THE ENVIRONMENT 7

From unsustainable to sustainable development – urban problems related to energy – water conservation, rain water harvesting, watershed management – resettlement and rehabilitation of people; its problems and concerns, case studies – role of nongovernmental organization- environmental ethics: Issues and possible solutions – climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies. – wasteland reclamation – consumerism and waste products – environment protection act – Air (Prevention and Control of Pollution) act – Water (Prevention and control of Pollution) act – Wildlife protection act – Forest conservation act – enforcement machinery involved in environmental legislation- central and state pollution control boards- Public awareness.

UNIT V HUMAN POPULATION AND THE ENVIRONMENT 6

Population growth, variation among nations – population explosion – family welfare programme – environment and human health – human rights – value education – HIV / AIDS – women and child welfare – role of information technology in environment and human health – Case studies.

TOTAL: 45 PERIODS

TEXT BOOKS:

1. Gilbert M.Masters, 'Introduction to Environmental Engineering and Science', 2ndedition, Pearson Education (2004).
2. Benny Joseph, 'Environmental Science and Engineering', Tata McGraw- Hill,NewDelhi, (2006).

REFERENCES BOOKS:

1. R.K. Trivedi, 'Handbook of Environmental Laws, Rules, Guidelines, Compliances and Standards', Vol. I and II, Enviro Media.
2. Cunningham, W.P. Cooper, T.H. Gorhani, 'Environmental Encyclopedia', Jaico Publ., House, Mumbai, 2001.
3. Dharmendra S. Sengar, 'Environmental law', Prentice hall of India PVT LTD, New Delhi, 2007.
4. Rajagopalan, R, 'Environmental Studies-From Crisis to Cure', Oxford University Press (2005)

MG2351 **PRINCIPLES OF MANAGEMENT** **L T P C**

OBJECTIVE

- Knowledge on the principles of management is essential for all kinds of people in all kinds of organizations.
- After studying this course, students will be able to have a clear understanding of the managerial functions like planning, organizing, staffing, leading and controlling.
- Students will also gain some basic knowledge on international aspect of management.

UNIT I OVERVIEW OF MANAGEMENT **9**

Organization – Management – Role of managers – Evolution of Management thought – Organization and the environmental factors – Managing globally – Strategies for International Business.

UNIT II PLANNING **9**

Nature and Purpose planning – Planning process – Types of plans – Objectives –Managing by objective (MBO) Strategies – Types of strategies – Policies – DecisionMaking – Types of decision – Decision Making Process -Rational Decision Making Process – Decision Making under different conditions.

UNIT III ORGANISING **9**

Nature and purpose of organizing – Organization structure – Formal and informal groups / organization – Line and Staff authority – Departmentation – Span of Control – Centralization and Decentralization – Delegation of authority – Staffing – Selection and Recruitment – Orientation Career Development – Career stages – Training – Performance Appraisal.

UNIT IV DIRECTING **9**

Creativity and Innovation – Motivation and Satisfaction – Motivation Theories Leadership – Leadership theories – Communication – Hurdles to effective communication – Organization Culture – Elements and types of culture – Managing cultural diversity

UNIT V CONTROLLING **9**

Process of controlling – Types of control – Budgetary and non-budgetary control techniques – Managing Productivity – Cost Control – Purchase Control – MaintenanceControl – Quality Control – Planning operations.

TOTAL: 45 PERIODS

TEXT BOOKS:

1. Stephen P. Robbins and Mary Coulter, 'Management', Prentice Hall of India, 8thedition.
2. Charles W.L Hill, Steven L McShane, 'Principles of Management', Mcgraw Hill Education, Special Indian Edition, 2007.

REFERENCES:

1. Hellriegel, Slocum & Jackson, 'Management – A Competency Based Approach', Thomson South Western, 10th edition, 2007.
2. Harold Koontz, Heinz Weihrich and mark V Cannice, 'Management – A global & Entrepreneurial Perspective', Tata Mcgraw Hill, 12th edition, 2007.
3. Andrew J. Dubrin, ' Essentials of Management', Thomson Southwestern, 7th edition,2007.

GE2022	TOTAL QUALITY MANAGEMENT	L T P C 3 0 0 3

UNIT I INTRODUCTION 9

Introduction - Need for quality - Evolution of quality - Definition of quality - Dimensions of manufacturing and service quality - Basic concepts of TQM - Definition of TQM – TQM Framework - Contributions of Deming, Juran and Crosby – Barriers to TQM.

UNIT II TQM PRINCIPLES 9

Leadership – Strategic quality planning, Quality statements - Customer focus – Customer orientation, Customer satisfaction, Customer complaints, Customer retention -Employee involvement – Motivation, Empowerment, Team and Teamwork, Recognitionand Reward, Performance appraisal - Continuous process improvement – PDSA cycle,5s, Kaizen - Supplier partnership – Partnering, Supplier selection, Supplier Rating.

UNIT III TQM TOOLS & TECHNIQUES I 9

The seven traditional tools of quality – New management tools – Six-sigma: Concepts, methodology, applications to manufacturing, service sector including IT – Bench marking – Reason to bench mark, Bench marking process – FMEA – Stages, Types.

UNIT IV TQM TOOLS & TECHNIQUES II 9

Quality circles – Quality Function Deployment (QFD) – Taguchi quality loss function – TPM – Concepts, improvement needs – Cost of Quality – Performance measures.

UNIT V QUALITY SYSTEMS 9

Need for ISO 9000- ISO 9000-2000 Quality System – Elements, Documentation, Quality auditing- QS 9000 – ISO 14000 – Concepts, Requirements and Benefits – Case studiesof TQM implementation in manufacturing and service sectors including IT.

TOTAL: 45 PERIODS

TEXT BOOK:

1. Dale H.Besterfiled, et at., "Total Quality Management", Pearson Education Asia,Third Edition, Indian Reprint (2006).

REFERENCES:

1. James R. Evans and William M. Lindsay, "The Management and Control of Quality", 6th Edition, South-Western (Thomson Learning), 2005.
2. Oakland, J.S. "TQM – Text with Cases", Butterworth – Heinemann Ltd., Oxford, 3rdEdition, 2003.
3. Suganthi,L and Anand Samuel, "Total Quality Management", Prentice Hall (India) Pvt. Ltd.,2006.
4. Janakiraman,B and Gopal, R.K, "Total Quality Management – Text and Cases", Prentice Hall (India) Pvt. Ltd., 2006.

GE2071	INTELLECTUAL PROPERTY RIGHTS (IPR)	L T P C 3 0 0 3

UNIT I **5**

Introduction – Invention and Creativity – Intellectual Property (IP) – Importance –Protection of IPR – Basic types of property (i). Movable Property ii. Immovable Property and iii. Intellectual Property.

UNIT II **10**

IP – Patents – Copyrights and related rights – Trade Marks and rights arising from Trademark registration – Definitions – Industrial Designs and Integrated circuits – Protection of Geographical Indications at national and International levels – Application Procedures.

UNIT III **10**

International convention relating to Intellectual Property – Establishment of WIPO–Mission and Activities – History – General Agreement on Trade and Tariff (GATT).

UNIT IV **10**

Indian Position Vs WTO and Strategies – Indian IPR legislations – commitments to WTO-Patent Ordinance and the Bill – Draft of a national Intellectual Property Policy – Present against unfair competition.

UNIT V **10**

Case Studies on – Patents (Basumati rice, turmeric, Neem, etc.) – Copyright and related rights – Trade Marks – Industrial design and Integrated circuits – Geographic indications – Protection against unfair competition.

TOTAL: 45 PERIDOS

TEXT BOOKS:

1. Subbaram N.R. "Handbook of Indian Patent Law and Practice ", S. Viswanathan Printers and Publishers Pvt. Ltd., 1998.

REFERENCES:

1. Eli Whitney, United States Patent Number: 72X, Cotton Gin, March 14, 1794.
2. Intellectual Property Today: Volume 8, No. 5, May 2001, [www.iptoday.com].
3. Using the Internet for non-patent prior art searches, Derwent IP Matters, July 2000. www.ipmatters.net/features/000707_gibbs.html.

ME2023 **RENEWABLE SOURCES OF ENERGY** **L T P C**
3 0 0 3

AIM:

To instruct the importance of renewable energy and its utilization for the thermal and electrical energy needs and also the environmental aspects of these resources.

OBJECTIVES:

- At the end of the course, the student expected to do
- Understand and analyze the pattern of renewable energy resources Suggest methodologies / technologies for its utilization.
- Economics of the utilization and environmental merits

UNIT I SOLAR ENERGY **9**

Solar Radiation – Measurements of solar Radiation and sunshine – Solar Thermal Collectors – Flat Plate and Concentrating Collectors – Solar Applications – fundamentals of photo Voltaic Conversion – solar Cells – PV Systems – PV Applications.

UNIT II WIND ENERGY **9**

Wind Data and Energy Estimation – wind Energy Conversion Systems – Wind Energy generators and its performance – Wind Energy Storage – Applications – Hybrid systems.

UNIT III BIO - ENERGY **9**

Biomass, Biogas, Source, Composition, Technology for utilization – Biomass direct combustion – Biomass gasifier – Biogas plant – Digesters – Ethanol production – Bio diesel production and economics.

UNIT IV OTEC, TODAL, GEOTHERMAL AND HYDEL ENERGY **9**

Tidal energy – Wave energy – Data, Technology options – Open and closed OTEC Cycles – Small hydro, turbines – Geothermal energy sources, power plant and environmental issues.

UNIT V NEW ENERGY SOURCES **9**

Hydrogen, generation, storage, transport and utilization, Applications : power generation, transport – Fuel cells – technologies, types – economics and the power generation

TOTAL: 45 PERIODS

TEXT BOOK:

1. G.D. Rai, Non Conventional Energy Sources, Khanna Publishers, New Delhi, 1999.
2. S.P. Sukhatme, Solar Energy, Tata McGraw Hill Publishing Company Ltd., New Delhi, 1997.

REFERENCES:

1. Godfrey Boyle, Renewable Energy, Power for a Sustainable Future, Oxford University Press, U.K., 1996.
2. Twidell, J.W. & Weir, A., Renewable Energy Sources, EFN Spon Ltd., UK, 1986.
3. G.N. Tiwari, solar Energy – Fundamentals Design, Modelling and applications, Narosa Publishing House, New Delhi, 2002.
4. L.L. Freris, Wind Energy Conversion systems, Prentice Hall, UK, 1990.

AY-2022-2023

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode – 637 215

VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

Date: 22.06.2022

Formation of Committee members for the Internal Complaints Committee Against Sexual Harassment (VISHAKA)

The new member for Internal Complaints Committee against Sexual Harassment has been formed for the academic year 2022-2023 as per the UGC norms. The committee has been setup with the aim of providing women, an appropriate complain mechanism against unwelcome sexually determined behavior whether directly or by implication. The committee is formed with the following faculty and student members.

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

KSRIET

VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

MEMBERS OF PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

S.No	Name of the Members	Category	Position	Contact Number
1	Dr. M. Venkatesan	Principal	Convenor	9944456056
2	Dr. S. Agiladevi	ASP/ Chemistry	Presiding Officer	9994743365
3	Dr. J.C. Kannan	Director-Student Affairs	Member	9842803325
4	Dr. S. Premalatha	ASP/ECE	Member	9942329398

S. No	Name of the Members	Category	Dept.	Position	Phone No.	Email.id
1	Ms.V.D.Nandhini	AP	BME	Faculty Member	9087457627	Nandhini.vrd@gmail.com
2	Ms. V.Kiruthigadevi	AP	EEE	Faculty Member	9487829430	kiruthigadeviv@ksriet.ac.in
3	Ms.P.Rathika	AP	CSE	Faculty Member	9488143131	rathikasenthilrajan@ksriet.ac.in
4	Ms.N.Renuka	AP	IT	Faculty Member	8610949712	renuka66ksr@ksriet.ac.in
5	Mrs.P.Nithya	Programmer	Exam cell	Staff Member	7397645946	Nithyaraj98656@gmail.com
6	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member	9994427340	selvamoon1985@gmail.com
7	A.Jaishini	III Year	CSE	Student Member	6380991879	jaishimiananthan@gmail.com
8	S.Arunadevi	III Year	IT	Student Member	8870299841	Sarunadevi40@gmail.com
9	T.Sri janani	III Year	ECE	Student Member	6379572603	Srijanani810@gmail.com
10	T.K.Vaishnavi	III Year	BME	Student Member	9677996109	Tkvaishnavi109@gmail.com
11	A.A.Navethitha	III Year	MECH	Student Member	9486205802	navethithaanbu@gmail.com
12	R.Kiruthika	III Year	EEE	Student Member	6369708461	Kiruthikakiruthu91@gmail.com

Reach Us: vishakacomplaints7316@gmail.com

Gmail

principal KSRIET <principal@ksriet.ac.in>

Compliance of the Directions given by the Hon'ble Supreme Court of India on the Prevention of Sexual Harassment (PoSH) Act, 2013 – Reg.

All India Council for Technical Education(no-reply) <admin@aicte-india.org> Fri, Jun 23, 2023 at 2:18 PM
To: principal@ksriet.ac.in

To,

The VCs/Directors/Principals/In-charges
All the AICTE approved Institutions/Colleges/Universities

Subject : Compliance of the Directions given by the Hon'ble Supreme Court of India on the Prevention of Sexual Harassment (PoSH) Act, 2013 – Reg.

Sir/Madam,
Greetings from AICTE!

In order to sensitize the issue related to the maintenance of safe working environment, the Ministry of Education (MoE) vide letter F.No.18-2/2023-U.5 dated 13th June, 2023 **(copy attached)** has forwarded the Directions given by the Hon'ble Supreme Court of India under Prevention of Sexual Harassment (PoSH) Act, 2013 for strict compliance by all the Higher Educational Institutions/Universities across the country. The Hon'ble Supreme Court of India vide its Order dated 12/05/2023 has directed to issue the following directions to fulfil the promise that the Prevention of Sexual Harassment (PoSH) Act holds out to working women all over the country:

1. The Union of India, all State Govt. and Union Territories are directed to undertake its time bound exercise to verify as to whether all the concerned Ministries/Departments, Govt. organizations, authorities, PSU's and institutions, bodies etc. have constituted ICCs/LCs/ICs as the case may be and that the composition of the said committee are strictly in terms of the provisions of the PoSH Act;

2. It shall be ensured that necessary information regarding the constitution and composition of the ICCs/LCs/ICs, details of the email Ids and contact nos. of the designated person(s), the procedure prescribed for submitting an online complaint, as also the relevant rules, regulations and internal policies are made readily available on the website of the concerned authority/functionary/organization/institutions/bodies, as the case may be. The information furnished shall also be updated from time to time;

3. A similar exercise shall be undertaken by all the statutory bodies of professionals at the apex level and the state level (including those regulating doctors, lawyers, architects, chartered accountants, cost accountants, engineers, bankers and other professionals), by universities, colleges, training centers and educational institutions and by the Govt. and Private hospitals/nursing homes;

4. Immediate and effective steps shall be taken by the authorities/managements/employers to familiarize members of the ICCs/LCs/ICs with their duties and the manner in which an enquiry ought to be conducted on receiving a complaint on Sexual Harassment on the work place from the point when the complaint has been received, till the enquiry is finally concluded and the reports submitted;

5. The authorities/managements/employers shall regularly conduct orientation programs, workshops, seminars and awareness programs to upskill members of the ICCs/LCs/ICs to educate women employees and women's group about the provisions of the act, rules and relevant regulations;

6. A copy of this judgement shall be transmitted to the Secretaries of all the Ministries, Govt. of India who shall ensure implementation of the directions by all the concerned departments, statutory authorities, institutions, organizations etc. under the control of the respective Ministries. A copy of the judgement shall also be transmitted to the Chief Secretaries of all the States and Union Territories who shall ensure strict compliance of these directions by all the concerned departments. It shall be the responsibilities of the Secretaries of the Ministries, Govt. of India and Chief Secretaries of every State/Union Territory to ensure implementation of the directions issued;

7. The Hon'ble Supreme Court of India has also directed all the departments to file the affidavits within eight weeks for reporting compliance.

In view of the gravity & severity of the matter, all the Institutions/Colleges/Universities are requested to adhere the directions given by the Hon'ble Supreme Court of India under Prevention of Sexual Harassment (PoSH) Act, 2013 mandatorily in a time bound manner as the status reports to be received from all the institutions/colleges are to be consolidated & compiled at AICTE HQ, New Delhi for onward transmission to the Ministry for filing an affidavit for reporting compliance to the Hon'ble Supreme Court of India. Accordingly, the status reports in compliance of the above directions should reach to **Dr. Neetu Bhagat, Dy. Director & Chairperson, ICC, Skill Development Cell (Regulation Bureau), AICTE HQ latest by 24th July, 2023 positively at Email Id**: icc@aicte-india.org. In case of non-compliance or delay in the matter leading to cost/contempt etc. shall be the sole responsibility of the institute/college concerned.

Pertinent to mention here that the AICTE in its Approval Process Handbook 2023-24 under Chapter VII Clause 7.15 (i), it is categorically stipulated that each institution shall have an appropriate Internal Complaint Committee (ICC) to address the issues of the faculty and students.

This may be treated **IMMEDIATE** and accorded **TOP PRIORITY**.

PFA: https://drive.google.com/file/d/1jxot1V0qDwiKNhY-WQ_kPXWYgV4vYq5k/view?usp=sharing

Regards,
Dr. Neetu Bhagat
Deputy Director and Chairperson (ICC)
All India Council For Technical Education Head Office,
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Court Matter
Most Immediate
Time Bound

F.No.18-2/2023-U.5
Government of India
Ministry of Education
Department of Higher Education
U.5 Section
***

New Delhi, dated the 13th June, 2023

To

1. The Chairman, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi.
2. The Chairman, All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070.

Subject:- Civil Appeal No.2482 of 2014 (Against the final judgement and order dated 15.03.2012 passed by the High Court of Judicature at Bombay at Goa in W.P.No.602/2011) – Shri Aureliano Fernandes vs. State of Goa & Others.

Sir,

I am directed to foreward herewith a communication No.21189/2012/SEC-III dated 16th May, 2023 received from the Hon'ble Supreme Court of India on the above subject (copy enclosed).

2. The Hon'ble Supreme Court vide its Order dated 12.05.2023 has directed to issue the following directions so as to fulfil the promise that the PoSH (Prevention of Sexual Harassment) Act holds out to working women all over the country:-

i. The Union of India, all State Governments and Union Territories are directed to undertake a timebound exercise to verify as to whether all the concerned Ministries, Departments, Government Organizations, authorities, Public Sector Undertakings, Institutions, bodies, etc. have constituted ICCs/ LCs/ ICs, as the case may be and that the composition of the said Committees are strictly in terms of the provisions of the PoSH Act.

ii. It shall be ensured that necessary information regarding the constitution and composition of the ICCs/ LCs/ ICs, details of the e-mail IDs and contact numbers of the designated person(s), the procedure prescribed for submitting an online complaint, as also the relevant rules, regulations and internal policies are made readily available on the website of the concerned Authority/ Functionary/ Organization/ Institution/ Body, as the case may be. The information furnished shall also be updated from time to time.

iii. A similar exercise shall be undertaken by all the Statutory Bodies of professionals at the Apex level and the State level (including those regulating doctors, lawyers, architects, chartered accountants, cost accountants, engineers, bankers and other professionals), by universities, colleges, Training Centres and educational institutions and by government and private hospitals/ nursing homes.

iv. Immediate and effective steps shall be taken by the authorities/ managements/ employers to familiarize members of the ICCs/ LCs/ ICs with their duties and the manner in which an inquiry ought to be conducted on receiving a complaint of sexual harassment at the workplace, from the point when the complaint is received, till the inquiry is finally concluded and the Report submitted.

...2

v. The authorities/ managements/ employers shall regularly conduct orientation programmes, workshops, seminars and awareness programmes to upskill members of the ICCs/ LCs/ ICs and to educate women employees and women's groups about the provisions of the Act, the Rules and relevant regulations

vi. A copy of this judgement shall be transmitted to the Secretaries of all the Ministries, Government of India who shall ensure implementation of the directions by all the concerned Departments, Statutory Authorities, Institutions, Organizations etc. under the control of the respective Ministries. A copy of the judgement shall also be transmitted to the Chief Secretaries of all the States and Union Territories who shall ensure strict compliance of these directions by all the concerned Departments. It shall be the responsibility of the Secretaries of the Ministries, Government of India and the Chief Secretaries of every State/ Union Territory to ensure implementation of the directions issued.

3. The Hon'ble Supreme Court has also directed all Departments to file the affidavits within eight weeks for reporting compliances.

4. Accordingly, it is requested to take necessary action and direct all Higher Educational Institutions/ Universities under your administrative control to implement the above directions of Hon'ble Supreme Court in order to sensitize the issue related to maintenance of safe working environment as per "Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

5. Since the matter is time bound, a Status Report/ Action Taken Report for strict compliance in the matter with respect to the Institutions under your administrative control may be furnished to this Department by 20th June, 2023, as the Department is required to file an Affidavit for reporting compliances to the Hon'ble Supreme Court. The matter may be accorded **TOP PRIORITY**.

6. This issues with the approval of Secretary (HE).

Encl: As above.

Yours faithfully,

13.06.2023

(Subhash Chander)
Director to the Govt. of India
Tel. No. 011-23074080
Email: s.chander@gov.in

Copy to:- PPS to JS(HE)

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)
(CSE, EEE, ECE, MECH & IT Programmes accredited by NBA)

KSRIET

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.: ICCASH 01/KSRIET/2022-2023

Date: 03.07.2023

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for June is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

PRINCIPAL
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DT, TAMIL NADU.

Encl.: Format 1 & 2

K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dist., Tamil Nadu, India.
Tel: +91 - 4288 - 274773 | Fax: +91 - 4288 - 274773 | E-mail: admin@ksriet.ac.in | www.ksriet.ac.in

No such incident has been reported till date 30.06.2023)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.M.Nithya	Library Assistant	Library	Staff Member
10	Mr.S.Kannan	Programmer	Exam cell	Staff Member
11	Mrs.Kavitha Lakshmanan	Psychology Counsellor	College Counsellor	Faculty Member
12	Ms.M.Blessy	III Year	CSE	Student Member
13	Ms.E.Dhanusiya	III Year	IT	Student Member
14	Ms.M.Geethambari	III Year	ECE	Student Member
15	Ms.S.Dhivya	III Year	BME	Student Member
16	Ms.M.Priyamvadha	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.

50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 30.06.2023
Place: Tiruchengode

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NAAC A+ & NBA

Prevention of Sexual Harassment Cell - (POSH)

POSH/ICC/KSRIET/2022-2023/07 DATE: 05.06.2023

CIRCULAR

It is informed to all the girl students that any grievances can be brought to the notice of your class advisors concerned or to Dr. S. Agiladevi, Prevention of Sexual Harassment Coordinator (POSH) (Contact No-9994743365).

Grievances can also be mailed to vishakacomplaints7316@gmail.com

Note: Grievances shall be maintained confidentially

05/06/23

Coordinator-POSH

Principal

Circulated to:

1. All Staff and Faculty members
2. All girl students

Kavitha Lakshmanan, Psychology Counselor

Profile

Academic Qualifications

Kavitha Lakshmanan did B.A. English Literature at PSG College of Arts and Science, Coimbatore in 1995

She graduated her Master Degree in Social Work at PSG College of Arts and Science, Coimbatore in 1997

She completed her Diploma in Psychology in Chennai under the guidance of Dr. Emma Gongalvez in 2006

She completed a three year Course of Transaction Analysis which helps assess a person through interaction at Nithya Gurugula, Coimbatore with Dr. Sasi Chandran in 2009

She carried out a Japanese Course, Reiki which helps induce the mind to be positive in 2010

She has done Acupuncture Course at Kambam Academy, Kambam in 2012

Career Experience

Kavitha Lakshmanan started her career as a Psychology Counselor at Siva Meds, Pollachi in 2006. She had given counseling to school children, working women, sugar patients and to many individuals who struggled with Stress

She joined in KMCH, Coimbatore in 2008 at Invitro Fertilization Department to offer counseling to couples. She had given counseling for about 5000 couples who had emotional stress

She has established her own clinic at Pollachi in 2012 and giving counseling to all sorts of people. Also she is the visiting faculty of KMCH, Coimbatore.

She has been giving speeches to the school students on "Stress free Learning" and "How to handle the pressure during Examinations" for 10^{th} and 12^{th} students.

She is running a clinic namely Zen-Healing Centre in Pollachi. It consists of Integrative Therapy with Nature Cure, Yoga, Acupuncture, Reiki and Dorn.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to Anna University)
(CSE, EEE, ECE, MECH & IT Programmes accredited by NBA)

KSRIET

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

KSRIET/APPT/2016-17/015

DATE: 08.07.2016

TO

Kavitha Lakshmanan,
Psychology Counsellor,
Zen-Healing Centre,
3/1, Kamaraj Street,
Mahalingapuram,
Pollachi - 642002

Sub.: K S R Institute for Engineering and Technology, Tiruchengode – Appointment of Psychology Counsellor – reg.

We are pleased to appoint you as a Psychology Counsellor of our Institutions.

You are directed to report and counsel our students periodically for their good conduct and make them free from stress if any. You are also expected to counsel the students individually or to conduct a Workshop based on their needs. You will be under the administrative and the functional control of the Principal and will be governed by the rules & regulations and other terms & conditions of the College.

PRINCIPAL

PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215
NAMAKKAL DT, TAMIL NADU

K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dist., Tamil Nadu, India.
Tel: +91 - 4288 - 274773 | Fax: +91 - 4288 - 274773 | E-mail: admin@ksriet.ac.in | www.ksriet.ac.in

Zen
Healing Centre

Kavitha Lakshmanan
Psychology Counselling Consultant

Name : ..... Age : ..... Sex : ..... Date : 08.07.2016

To

The Principal,

K S R Institute for Engineering and Technology,

Tiruchengode – 637 215.

Dear Sir,

Sub: Acceptance to act as "Students Counsellor" of your Institution – Reg.

In response to your invitation, I wish to confirm my acceptance to act as "Students Counsellor" of your Institution. I hope that regular meeting and addressing your students will create a healthy atmosphere in your Institution which may help to build a good relationship among all the students. Also, I feel that I will have a great opportunity to provide my service for the benefits of student community. I have also sent you my Profile for your reference. Kindly let me know the dates of my visit to your Institution.

Kavitalakshmanan

KAVITHA LAKSHMANAN

3/1, Kamaraj St, Mahalingapuram, Pollachi - 642 002.

9788542444 info.zenhealingcentre@gmail.com www.zenhealingcentre.in

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

KSRIET

R. Srinivasan B.B.M.,

REF: KSRIET/ SCC/2016-2017/001 DATE: 04.07.2016

To

Kavitha Lakshmanan,

Psychology Counsellor,

Zen-Healing Centre,

Pollachi – 642 001.

Dear Madam,

Sub: Seeking Willingness to act as "Students Counsellor" of our Institution – Reg.

I would like to convey you that we are in need of an Opt Person to Counsel our students periodically for good conduct and better performance of our students. In this regard, we ask for your willingness to act as "Students Counsellor" of our Institutions by making your periodical presence to address and counsel our students. We have been ready to make all the arrangements for your regular visit if you accept our invitation.

Thanking you,

PRINCIPAL

PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K. S. R. KALVI NAGAR
TIRUCHENGODE-637 215

K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dist., Tamil Nadu, India.
Tel: +91 - 0288 - 274773 | Fax: +91 - 4288 - 274773 | E-mail: admin@ksriet.ac.in | www.ksriet.ac.in

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode – 637 215

VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

Formation of Committee members for the Internal Complaints Committee Against Sexual Harassment (VISHAKA)

The new member for Internal Complaints Committee against Sexual Harassment has been forming every academic year as per the UGC norms. The committee has been setup with the aim of providing women, an appropriate complain mechanism against unwelcome sexually determined behavior whether directly or by implication. The committee is formed with the following faculty and student members.

S.No.	Name of the Member	Designation	Department	Representation
1.	Dr. M. Venkatesan	Principal	CSE	Convenor
2.	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3.	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4.	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5.	Mrs.P.Nithya	Programmer	Exam cell	Faculty Member
6.	Mr. P. Selvaraj	Lab Assistant	Chemistry	Faculty Member
7.	Mrs.Kavitha Lakshmanan	Psychology Counsellor	College Counsellor	Faculty Member
8.	A.Jaishini	III Year	CSE	Student Member
9.	S.Arunadevi	III Year	IT	Student Member
10.	T.Sri janani	III Year	ECE	Student Member
11.	T.K.Vaishnavi	III Year	BME	Student Member
12.	A.A.Navethitha	III Year	MECH	Student Member
13.	R.Kiruthika	III Year	EEE	Student Member

Presiding Officer

Principal


KSR IET
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
[Approved by AICTE, New Delhi & Affiliated to Anna University]
K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dist., Tamil Nadu, India.
STUDENTS COUNSELLING
CENTRE
Organizes
IET CARE
2023
Mrs. KAVITHA LAKSHMANAN
Psychology Counsellor
APRIL
18TH
9.30
AM
Welcome You All
FOLLOW US !

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode, Namakkal, Tamil Nadu– 637 215

Affiliated to Anna University and Approved by AICTE
Accredated by NBA & NAAC with A+ Grase

VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

ESTABLISHMENT OF INTERNAL COMPLAINTS COMMITTEE (ICC)

POLICY

Sexual harassment includes

- Physical contact
- Demand or request for sexual favours
- Sexually colored remarks
- Display of pornography
- Any other unwelcome physical, verbal or non-verbal conduct of a sexual nature.

Any disorderly conduct pertaining to the above stated will be booked under VISHAKA COMMITTEE act. Stringent actions will be taken on complaints. The college is committed to prohibition, prevention and redressal of VISHAKA COMMITTEE of women at workplace as per the act 2013.

The female student, staff and faculty are requested to inform any such activities to the class Advisor/HoD/Internal Complaints Committee against Sexual Harassment Members/principal then and there for necessary actions.

MEMBERS OF PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

S.No	Name of the Members	Category	Position	Contact Number
1	Dr. M. Venkatesan	Principal	Convenor	9944456056
2	Dr. S. Agiladevi	ASP/ Chemistry	Presiding Officer	9994743365
3	Dr. J.C. Kannan	Director-Student Affairs	Member	9842803325
4	Dr. S. Premalatha	ASP/ECE	Member	9942329398

24x7 women helpline number

Dr. S. Agiladevi	ASP/ Chemistry	Presiding Officer	9994743365

Reach Us: vishakacomplaints7316@gmail.com

VISHAKA (PREVENTION OF SEXUAL HARASSMENT CELL) GUIDELINES

- The Vishaka Guidelines were a set of procedural guidelines for use in India in cases of sexual harassment. They were promulgated by the Indian Supreme Court in 1997 and were superseded in 2013 by the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act.

- Background Pre-1997 the person facing sexual harassment at workplace had to lodge a complaint under Section 354 of the Indian Penal Code 1860 that deals with the 'criminal assault of women to outrage women's modesty', and Section 509 that punishes an individual/individuals for using a 'word, gesture or act intended to insult the modesty of a woman.

ROLES AND RESPONSIBILITIES

The committee has to ensure enough steps are taken to create awareness on the topic. If in case any person approaches any of the committee members, the member is immediately required to inform others. A written complaint is required to be taken from the aggrieved person, necessary action to be taken, preferably to settle the matter through counseling and conciliation as soon as possible. In case the matter is not so sorted, enquiry to be conducted and matter to be sorted out within 10 days from the date of complaint. The members to be vigilant all the time and ensure that there is no such incident taking place in campus by creating awareness and having an open dialogue with all the students

Presiding Officer

Principal

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.: ICCASH 12/KSRIET/2022-2023

Date: 02.06.2023

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for May is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You.

Yours Faithfully,

PRINCIPAL

PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

Encl.: Format 1 & 2

No such incident has been reported till date 31.05.2023)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.

50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 31.05.2023
Place: Tiruchengode

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.: ICCASH 12/KSRIET/2022-2023

Date: 03.05.2023

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for April is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You.

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

No such incident has been reported till date 30.04.2023)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
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8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
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12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.

50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 30.04.2023
Place: Tiruchengode

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)

(CSE, EEE, ECE, MECH & IT Programmes accredited by NBA)

KSRIET

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.: ICCASH 11/KSRIET/2022-2023 **Date: 04.04.2023**

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for March is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DT, TAMIL NADU.

Encl.: Format 1 & 2

K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dist., Tamil Nadu, India.
Tel: +91 - 4288 - 274773 | Fax: +91 - 4288 - 274773 | E-mail: admin@ksriet.ac.in | www.ksriet.ac.in

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 31.03.2023)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
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3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.

50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 31.03.2023
Place: Tiruchengode

KSRIET	**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY** **TIRUCHENGODE- 637215**
	PREVENTION OF SEXUAL HARASSMENT CELL (POSH) **CENTRE FOR STUDENT AFFAIRS**

Name of the program	**Awareness Program**	**Organized Dept /Forum Name**	**POSH**
Title of the program	**AWARENWSS PROGRAM ON POCSO ACT**	**Date**	**08.03.2023**
		Time	**10 am**
		Venue	**ECE SEMINAR HALL**
		Number of Participants Attended	**All 1st Year Boys Students**

AGENDA

Particulars	Resource Person
Welcome Address	**J.RATHISH KUMAR I-CSE** **Student Member**
Presidential Address	**Dr. M. VENKATESAN** **Principal**
Felicitation	**Dr. S AGILADEVI** **ASP / Chemistry**
Introduction of Chief Guest	**M.KAVIN RAJ, I-IT** **Student Member**
Vote of Thanks	**RITTHIC UDHAY B .S –I-IT** **Student Member**

Report of the Event	She explained in detail about the POCSO ACT 2012. Our students are well known about the age limits apply in the act and discuss the emergency phone numbers for POCSO. . In accordance with this, the Government has taken various steps from time to time to create awareness of the provisions of the POCSO Act This act is created for Protection of Child. She given more details about the effects of Drugs usage.	

08/03/23	
POSH Coordinator	**Principal**

PHOTOS


GPS Map Camera
KSR Kalvi Nagar, Tamil Nadu, India
9R5J+CM, KSR Kalvi Nagar, Tamil Nadu 637215, India
Lat 11.358659°
Long 77.83193°
08/03/23 11:24 AM GMT +05:30
Google


GPS Map Camera
KSR Kalvi Nagar, Tamil Nadu, India
Google


GPS Map Camera
KSR Kalvi Nagar, Tamil Nadu, India
9R5J+CM, KSR Kalvi Nagar, Tamil Nadu 637215, India
Lat 11.358631°
Long 77.83204°
08/03/23 11:24 AM GMT +05:30
Google


GPS Map Camera
Google

Gmail

principal KSRIET <principal@ksriet.ac.in>

Maintenance of safe working environment for female employees at Workplace. -reg.

All India Council for Technical Education(no-reply) <admin@aicte-india.org> Mon, May 8, 2023 at 9:10 PM
To: principal@ksriet.ac.in

Sir/Madam,

Greetings from All India Council for Technical Education!

Compliance of provisions of *" Sexual Harassment of Women (Prevention, Prohibition and Redressal) at Workplace Act, 2013"*

In this regard, find attached a Letter for necessary action.

Pfa:- https://drive.google.com/file/d/1mzNkHThm3zdc0pl0-NXUlglywdBtN56r/view?usp=share_link

Prof. Rajendra B. Kakde
Adviser-I
Head, Regulation Bureau (RB)
All India Council for Technical Education (AICTE)
Nelson Mandela Road
Vasant Kunj, New Delhi PIN: 110070

अखिल भारतीय तकनीकी शिक्षा परिषद्
(भारत सरकार का एक वैधानिक निकाय)
(शिक्षा मंत्रालय, भारत सरकार)
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory Body of the Govt. of India)
(Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Phone : 011-26131577 - 78, 80
011-29581000
Website : www.aicte-india.org

F. No.: AICTE/ADV/AB/Misc./2023-24 Dated: - 08-05-2023

To,

1. All AICTE Approved Universities / State Private / Deemed to be Universities
2. All Directors /Principals of AICTE Approved Institutions

Subject: - Maintenance of safe working environment for female employee at Workplace. - reg.

Sir/Madam,

As you are aware that duly constituted Internal Committee (IC) is one of the essential requirements and in case of non-availability of IC, the institutes shall be liable for punitive action i.e. "No Admission". AICTE from time to time has been reiterating that all AICTE approved Institutes shall without fail constitute Internal Committee (IC) to address the issues related to the women employees.

Please note that maintenance of safe working environment for female employee at Workplace as per "Sexual Harassment of Women (Prevention, Prohibition and Redressal) at Workplace Act, 2013" is the responsibility of the concerned institution. In terms of the said act, all AICTE approved Universities / institutions are directed to ensure compliance of the following: -

1. To constitute an Internal Committee (IC) and a Special cell in the institution to deal with the issue of gender based violence and to conduct gender sensitization programme.
2. To display banners/ posters at conspicuous places in the building to create awareness amongst employee about what is sexual harassment and how to prevent it.
3. To display name and contact details of the members of the Internal Committee at Notice Board in the Institution.
4. To upload the (i) "Sexual Harassment of Women (Prevention, Prohibition and Redressal) at Workplace Act, 2013" (ii) Constitution of the Committee and details of the Members of the Internal Committee such as name, phone number, address etc. on the institute website.
5. To conduct training programme to sensitize the employees of the Institution.

This is issued with the approval of the Competent Authority.

Regards.

8/5/23

(Prof. Rajendra B. Kakde)
Adviser-I, Head Regulation Bureau

सूचना का अधिकार

Gmail

principal KSRIET <principal@ksriet.ac.in>

Establishment of 24x7 Women Helpline and Platform for Psychological Counselling in AICTE approved Institution -reg.

All India Council for Technical Education(no-reply) <admin@aicte-india.org> Wed, May 3, 2023 at 12:27 PM
To: principal@ksriet.ac.in

Dear Sir / Madam,
Greetings from All India Council for Technical Education!

Attention of all Institutions are drawn towards Appendix-VI (Norms for Essential and Desirable Requirements of the Technical Institutions) of APH 2023-24. Following two requirements as mentioned under Point number 16 and 17 have been newly added in Approval Process Handbook 2023-24.

16) Establishment of 24x7 women helpline number and a security system in the campus for providing safety to students and female faculty and non-teaching faculty.

17) Establishment of platform or hiring counsellors for seeking help and guidance w.r.t psychological counselling related to Mental Health for Students, faculty and non-teaching faculty.

All Institutions are directed that the above mentioned facility should be available in their institute. Further, it is reiterated that all other essential requirements shall also be complied by the institutions without fail.

Prof. Rajendra B. Kakde
Adviser-I
Head, Regulation Bureau (RB)
All India Council for Technical Education (AICTE)
Nelson Mandela Road
Vasant Kunj, New Delhi PIN: 110070

K S R Institute for Engineering and Technology

Thiruchengode - 637215

Approved by AICTE.New Delhi and affiliated to Anna university,chennai.
Accrediated by NAAC A+ & NBA

Prevention of Sexual Harassment Cell

Centre for Student Affairs

conduct

A Program on Pocso Act

Chief Guest

Dr.P.Mahalakshmi ,BDS

DEPUTY SUPERINTENDENT OF POLICE

- 03 - 2023
10am

Venu

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode, Namakkal, Tamil Nadu – 637215.

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai and Accredited by NAAC A+ & NBA)

PREVENTION OF SEXUAL HARASSMENT CELL

Cordially invites you

For

"AWARENWSS PROGRAM ON POCSO ACT"

Dr. P. MAHALAKSHMI, BDS

Deputy Superintendent of Police

Tiruchengode

8th March 2022"

Venue: ECE SEMINAR HALL **Time: 10am**

AGENDA

- Prayer Song : G. S. Poorvajan – 1st -CSE
- Welcome Address : J. Rathish kumar-1st - CSE
- Presidential Address : Dr. M. Venkatesan
  Principal /-KSRIET
- Felicitation Address : Dr.S.Agiladevi
  ASP-Chemistry
- Introduction of Chief Guest : M. Kavin raj
  1st Year - IT
- Honoring of Chief Guest : Dr. M. Venkatesan
  Principal - KSRIET
- Chief Guest Address : Dr. P. MAHALAKSHMI, BDS
  Deputy Superintendent of Police
  Tiruchengode.
- Vote of Thanks : RITTHIC UDHAY B .S
  1st year - IT

K S R Institute for Engineering and Technology

Thiruchengode - 637215

Approved by AICTE.New Delhi and affiliated to Anna university,chennai.
Accrediated by NAAC A+ & NBA

Prevention of Sexual Harassment Cell

Centre for Student Affairs

conduct

A Program on Pocso Act

Chief Guest :

Dr.P.Mahalakshmi BDS
DEPUTY SUPERINTENDENT OF POLICE
THIRUCHENGODE.

DATE : 08 - 03 - 2023
TIME : 10am

Venue:
ECE Seminar Hall

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

POSH/KSRIET/2022-2023/06 DATE: 07.03.2023

CIRCULAR

Our College Prevention of Sexual Harassment Cell (POSH) has planned to create awareness among Boys students. In this regard we are going to conduct **"A Program on Pocso Act"** in ECE & EEE Seminar Hall on 08.03.2023 at 10 am.

07/03/23
Presiding Officer

Principal

Circulated to:

1. All Directors, HoD's, Faculty and Staff Members
2. All students

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NAAC A+ & NBA

Prevention of Sexual Harassment Cell - (POSH)

POSH//KSRIET/2022-2023/05 DATE: 18.02.2023

CIRCULAR

It is informed to all the girl students that any grievances can be brought to the notice to Dr. S. Agiladevi, Prevention of Sexual Harassment Coordinator (POSH) (Contact No-9994743365).

Grievances can also be mailed to vishakacomplaints7316@gmail.com

Note: Grievances shall be maintained confidentially

18/02/23
Coordinator/POSH

18/02/23
Principal

Circulated to:

1. All Staff and Faculty members
2. All students

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.: ICCASH 10/KSRIET/2022-2023 **Date: 08.03.2023**

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for February is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

PRINCIPAL
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K S R KALVI NAGAR,
TIRUCHENGODE-637 215.
NAMAKKAL Dt. TAMIL NADU.

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 28.02.2023)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.
50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 28.02.2023
Place: Tiruchengode

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.:ICCASH 09/KSRIET/2022-2023 **Date: 18.02.2023**

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for January is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE 637 215,
NAMAKKAL Dt. TAMIL NADU.

Encl.: Format 1 & 2

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 31.01.2023)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
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8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.
50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 31.01.2023
Place: Tiruchengode

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE – 637 215

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)
VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

KSRIET

MINUTES OF THE MEETING

2022-2023		Date: 24.01.2023		Venue : ECE Seminar Hall
Members attended: Dr. S.A, Dr.J.C.K, Dr.S.P, Mrs.P.N, Mr.P.S, A.J, S.A, T.S, T.K.V, A.A.N, R.K				
S.No.	Agenda	Discussion	Action taken	Responsibilities
1.	Welcoming of new members	The newly elected student committee members were greeted by the faculty members of the committee. The role and the responsibilities were allotted.	The new members list should be notified to all.	Presiding Officer
2.	About the committee	Committee goal and objectives were discussed and the newly elected members clarified their doubts about the functions of the committee.	Presiding officer stated the intention, goals, objectives and the significance of framing the committee.	Members
3.	Conducting Awareness Programmes	Awareness programme on Good Touch Vs Bad Touch can be organized for the female staff and students.	Schedule should be planned at the earliest.	Staff I/C
4.	Any Other Matter	CSR activities may be initiated through this committee to the nearby schools.	Members are requested to find the possibilities.	Presiding Officer

24/01/23

PRESIDING OFFICER

PRINCIPAL

Copy to: All HoDs and members

Dr.J.C.K	Dr. S.P	Mrs. P.N	Mr. P.S	S.A	J.S.A	T.S	T.K.V	A.A.N	R.K

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
TIRUCHENGODE – 637 215

KSRIET

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)
(VISHAKA COMMITTEE -INTERNAL COMPLAINTS COMMITTEE)

Circular

Academic Year: 2022 – 2023 **Date: 23.01.2023**

Sub: Second Committee Meeting

The meeting of Vishaka committee - Internal complaints committee is scheduled on 24.01.2023 at 12.30 p.m. in ECE Seminar hall. The members of the committee are requested to make it convenient to attend the meeting. The agenda is given below

S.No.	Agenda
1.	Welcoming of new members
2.	About the committee
3.	Conducting awareness programmes
4.	Any Other Matter

23/01/23
Presiding Officer

PRINCIPAL 23/01/23

PRINCIPAL
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

Copy to:-

1. All members
2. File

பெண்களுக்கு எதிரான வன்முறை

Violence against Women.

Synopsis :-

- → Introduction.
- → The Indian Statics.
- → Types of Violence against women.
- → Causes of Violence against women in India.
- → Solution and Preventive Measures.

Introduction :-

Violence against women in India refers to physical or sexual violence committed on Indian women. Mostly such violent acts are committed by the Men or in Rare case a woman might also be involved. Most common forms of Violence against Indian women are domestic abuse and Sexual Assault.

The Indian Statics :-

The National Crime Record Bureau [NCRB] of India has the Responsibility of publishing the crime data including Violence against Women. The last annual report released by NCRB, has indicated towards an increased Rate of Violence against Indian Women.

Cases of Sexual Violence against Women in India have jumped up by over 10% than the preceding years and Rape accounts for 12% of all the crimes committed against women. Delhi - Capital of India is stands highest for Reported Rape Cases at 70% followed by Sikkim at 22% in Second Place.

Types of Violence against Women :-

There are many types of crimes that come under the category of Violence against women. Some of most Common form of Violence against women are listed Below :

ii] Honor Killing :-

It Refers to the murder of a family member who has supposedly brought shame to the family by going against the family's will on Issues like arranged Marriage, by choosing a partner from other caste or in some cases by committing adultery.

iii] Sexual Assault :-

Sexual Assault on a woman Refers to the situation where a person intentionally makes inappropriate physical contact with a woman without her Consent or forces her into a sexual act. It is sexual violence and includes crimes like - as rape, drugs included sexual assaults, child sexual abuse and groping.

iii] Forced Prostitution :-

Throughout India cases of Young girls going Missing are Continously Reported. These girls are supposedly lured on the

the pretext of securing a job or earning money and send to other states and subsequently forced into prostitution.

Causes of Violence against women in India:

i] Patriarchal Society :-

Indian Society is male dominated society where women don't have the rights to make major decisions related to the family. Moreover, researches revealed that almost 60% of males in India think that women in the family must be beaten from time to time. This societal setup always keeps women in a vulnerable position.

ii] Family Factors :-

Domestic Violence committed on a woman has a tendency to be carried over to the next generation. A child who watches his father physically abusing

his mother is most likely to do the same to his wife when he grows up. Nuclear families have more reported incidents of violence against women as there is no elder person to intervene and settle the matter.

iii] Liquor Consumption :

Regular consumption of liquor by the husband is prime cause for violence against women in a family. Alcahal is not only responsible for domestic violence against women but also crimes committed against women outside the houses. Alcohal stimulates the offender's or victims cognitive skills, fuelling the violence.

Solutions and preventive measures :

Some of the majore solution to curb violence against women are listed below

ii] Increased Police Vigil :-

Police must be increased in all the areas, especially in the secluded areas during night. Police presence significantly reduces the chance of a woman getting assaulted or harassed by other on the Road. Police officers must be deployed at crowded places like markets, as the women at these places are more susceptible to crimes like eve teasing.

iii] Safe Transport :-

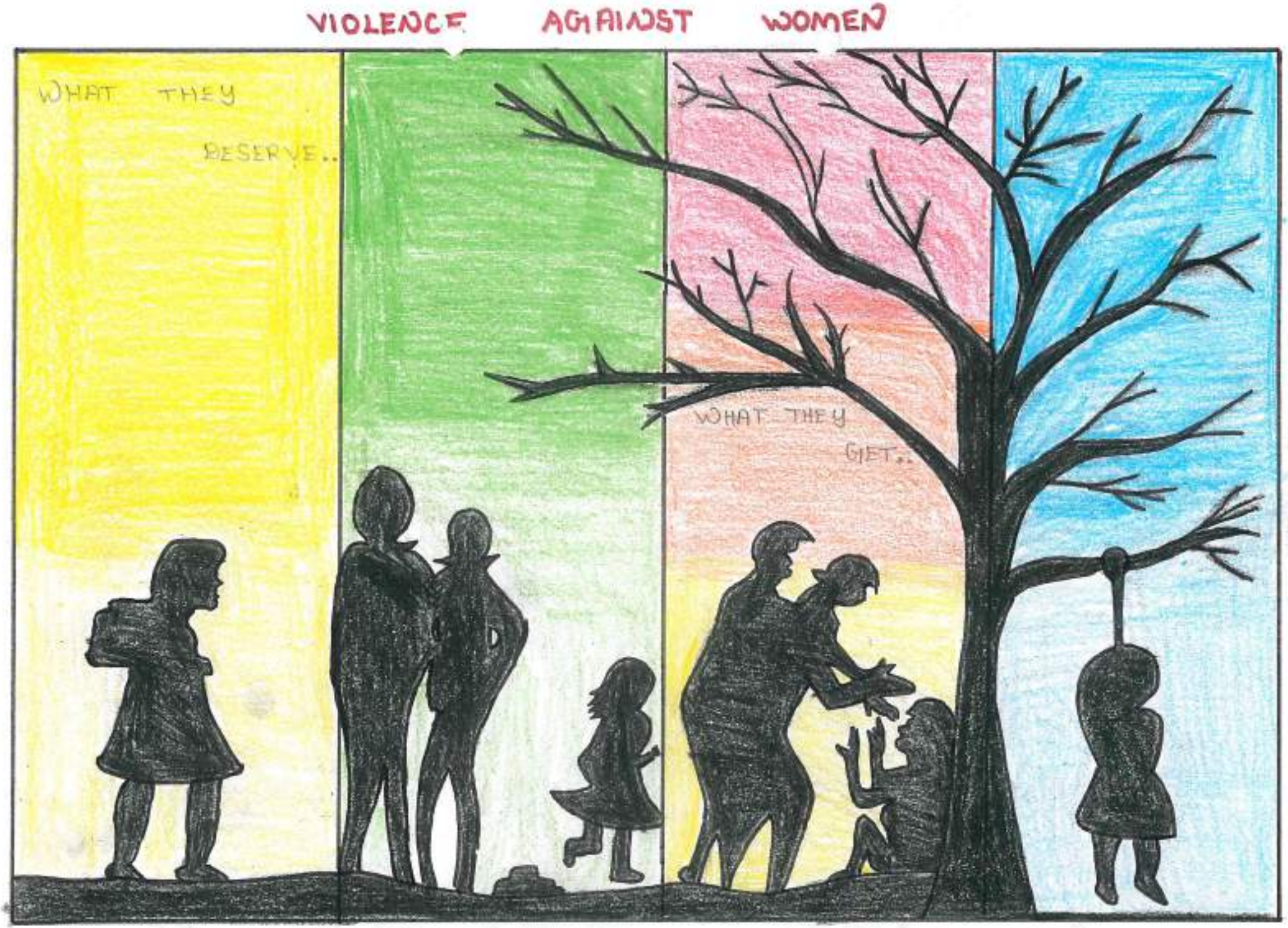
Many act of sexual Violence against women are committed in Trains or Buses mainly during late hours. offenders take advantage of the secluded Vechicl and absence of police personnel. There is a need to deploy at least one woman police constable in Buses or Rail Coaches during late night hours.

iii] Community Initiative :-

Initiatives taken by the community itself towards curbing Violence against women, is the best way to counter domestic Violence and as well as other crimes against women. The Mari Adalat program introduced in uttar pradesh by Department of Education has proved instrumental in Reducing domestic Violen against women.

Conclusion :-

Violence against Indian women is a blot on the nation and the society as well. As long as the Indian wome are subjected to Violence, the Internatio image of India is going to suffer. Therefore, it is imperative to take stringent counter measures to diminish any kind of Violence against Indian Woman.


VIOLENCE AGAINST WOMEN
WHAT THEY
DESERVE..
WHAT THEY
GIET..

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.:ICCASH 08/KSRIET/2022-2023

Date: 20.01.2023

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for December is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Encl.: Format 1 & 2

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 06.12.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
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6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
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13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உறுப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.

50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 06.12.2022
Place: Tiruchengode

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.
Principal

Lr.No.:ICCASH 07/KSRIET/2022-2023

Date: 05.12.2022

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for November is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 05.11.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உருப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
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5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
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15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.
50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 05.11.2022
Place: Tiruchengode

R. Srinivasan B.B.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.:ICCASH 06/KSRIET/2022-2023 **Date: 04.11.2022**

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for October is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DT, TAMIL NADU.

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 06.10.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.
50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 06.10.2022
Place: Tiruchengode

KSRIET	K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE- 637 215		
	WOMEN EMPOWERMENT CELL(WEC)		
	PREVENTION OF SEXUAL HARASSMENT (POSH)		
TITLE OF THE TOPIC	AWARENESS PROGRAM ON "ELIMINATION OF VIOLENCE AGAINST WOMEN"	DATE	08.12.2022
		TIME	2.30P.M to 4.00P.M
VENUE	GALERY HALL		
NAME OF THE RESOURCE PERSON	Ms.S.Sumathi.,M.Com.,M.Phil Inspector of Police, SBCID, Perambalur		

Report of the Event

The Session started with welcome address by Dr.S.Agiladevi, WEC & POSH coordinator and followed by a Felicitation address given by Dr.J.C.Kannan, Director/Student Affairs and Dr.P.Meenakshi Devi, Director /Academic. Later, Presidential address is given by Dr.M.Venkatesan, Principal. The chief guest started his presentation by giving an outline about girl child protection and acts available for the harressment of girl child. She initiated his talk by advising to girl child regarding effective usage of mobile phones and social media. Then, she continued with the explanation of POSCO act and its effectiveness in protecting the women. She concluded her talk by giving toll-free numbers for emergency contact with the police department. The girl students and female faculty members also showed interest on this seminar. The session was concluded by Vote of thanks by Ms.Renugadevi, AP/IT. This Awareness program on "Elimination of Violence against Women", was organized in the aim to give exposure about the prevention of violence against women and the program proved it worthwhile. The girl students and female faculty members shared their feedback and found it useful.

Outcomes	After the completion of program, the girl students and female faculty members came to know about the ➢ Acts available for the protection of girl child against harassment. ➢ Toll-free numbers for emergency contact for the women. ➢ Detailed information about POSCO.
Program Outcomes & Program Specific Outcomes	PO3,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PSO1

Event Coordinator	**WEC/POSH Coordinator**	**Principal**

PRINCIPAL
K S R INSTITUTE FOR
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K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.


GPS Map Camera
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KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE

KSRIET

Women Empowerment Cell
Prevention of Sexual Harassment Cell

Friday 25 November
International Day for the Elimination of Violence against Women

K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DT, TAMIL NADU.

KSRIET

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode – 637215

(Approved by AICTE, Affiliated to Anna University, Accredited by NAAC (A+))

WOMEN EMPOWERMENT CELL &

PREVENTION OF SEXUAL HARASSMENT (POSH) &

CENTRE FOR STUDENT AFFAIRS

ORGANISE

AWARENESS PROGRAM ON

ELIMINATION OF VIOLENCE AGAINST WOMEN

Ms.S.SUMATHI.,M.Com.,M.Phil

INSPECTOR OF POLICE

SBCID, Perambalur

PRINCIPAL
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
K S R KALVI NAGAR,
TIRUCHENGODE-637 215.
NAMAKKAL DT. TAMIL NADU.

On 8th Dec 2022 at 2.30 P.M @ ECE Seminar Hall

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

KSRIET

Cordially invites you for the Awareness Program on

"Elimination of Violence against Women"

(Women Empowerment Cell)

Welcome Address

Dr.S.Agiladevi

WEC & POS Coordinator

Felicitation Address

Dr. J.C. Kannan
Director / Student Affairs
&
Dr.P.Meenakshi Devi
Director/ Academic

Presidential address

Dr.M.Venkatesan
Principal

Inaugural Address

Mrs.S.Sumathi
Inspector of Police
SBCID,Perambalur

We will be privileged to see you in the Awareness Program on

Thursday, 08th Dec 2022

Venue: Gallery Hall, KSRIET **Time: 2.30 pm – 4:00 pm**

Agenda

Time: 2.30PM - 4.00PM - Inauguration

❖ Prayer Song	:	I[st] year students
❖ Welcome Address	:	Dr.S.Agiladevi WEC & POS Coordinator
❖ Felicitation	:	Dr. J.C. Kannan Director/Student Affairs Dr.P.Meenakshi Devi Director/ Academic
❖ Presidential address	:	Dr. M. Venkatesan Principal
❖ Introduction of Chief Guest	:	Mrs.A.Suhana AP/CSE
❖ Chief Guest Address	:	Mrs.S.Sumathi Inspector of Police SBCID,Perambalur
❖ Question and Answer Session	:	-
❖ Vote of thanks	:	Mrs. S. Nagapavithra AP/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Cordially invites you for the Awareness Program on

"Elimination of Violence against Women"

(Women Empowerment Cell)

Welcome Address

Dr.S.Agiladevi

WEC & POS Coordinator

Felicitation Address

Dr. J.C. Kannan
Director / Student Affairs
&
Dr.P.Meenakshi Devi
Director/ Academic

Presidential address

Dr.M.Venkatesan
Principal

Inaugural Address

Mrs.S.Sumathi
Inspector of Police
SBCID,Perambalur

We will be privileged to see you in the Awareness Program on

Thursday, 08th Dec 2022

Venue: Gallery Hall, KSRIET **Time: 2.30 pm – 4:00 pm**

PRINCIPAL
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DT, TAMIL NADU.

Agenda

Time: 2.30PM - 4.00PM - Inauguration

❖ Prayer Song	:	I[st] year students
❖ Welcome Address	:	Dr.S.Agiladevi WEC & POS Coordinator
❖ Felicitation	:	Dr. J.C. Kannan Director/Student Affairs Dr.P.Meenakshi Devi Director/ Academic
❖ Presidential address	:	Dr. M. Venkatesan Principal
❖ Introduction of Chief Guest	:	Mrs.A.Suhana AP/CSE
❖ Chief Guest Address	:	Mrs.S.Sumathi Inspector of Police SBCID,Perambalur
❖ Question and Answer Session	:	-
❖ Vote of thanks	:	Mrs. S. Nagapavithra AP/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

KSRIET

WOMEN EMPOWERMENT CELL
&
PREVENTION OF SEXUAL HARASSMENT

REF: KSRIET/WEC & POSH/CIR/2022-2023/005 DATE: 25.11.2022

CIRCULAR

This is to inform all the students that Women Empowerment Cell in association with Prevention of Sexual Harassment adherences "International Day for the Elimination of Violence against Women" on 25.11.2022. In view of this, it has been planned to conduct competitions among the students to enhance awareness about the protection of girl child against violence. In this regard, the students are asked to submit their scripts on or before 28.11.2022, Monday. Details of the competition are given below:

Topic for all the Competitions: Violence against Women

1. Essay writing (both in English and Tamil) : limited to 5 pages
2. Poetry (both in English and Tamil) : limited to 1 page
3. Drawing

For submission and queries:

Contact : Mrs. S. NAGAPAVITHRA, AP/EEE. Contact No: 9677874854.

EVENT COORDINATOR WEC / POSH COORDINATOR PRINCIPAL

PRINCIPAL
K.S.R. INSTITUTE FOR
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KSR KALVI NAGAR
TIRUCHENGODE-637 215.
NAMAKKAL (DT) TAMIL NADU.

Gmail

principal KSRIET <principal@ksriet.ac.in>

Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

All India Council for Technical Education(no-reply) <admin@aicte-india.org> Fri, Nov 4, 2022 at 12:14 PM
To: principal@ksriet.ac.in

Dear Sir/Madam,
Please find enclosed attachment of AICTE letter regarding implementation of sexual harassment of women at workplace.

Pursuant to the Ministry's letter, the following activities are to be conducted from 25.11.2022 to 10.12.2022.

1. To conduct sensitization workshops for their employees to make them aware about the provisions of the Act.
2. To observe the 25th of November as the International Day for the Elimination of Violence against Women.
3. To observe Discrimination against Women Pakhwada from 25.11.2022 to 10.12.2022.
4. Internal Complaints Committees to conduct a special drive to review the pending cases and take appropriate action before 9th December 2022.

In view of the above, the Action Taken Report in the matter may kindly be sent on icc@aicte-india.org to the AICTE Headquarters latest by 13th of December 2022 positively.

PFA:- https://drive.google.com/file/d/1K4bBwCUN3zwP5-QvDVPkcoqTOQyNLzKV/view?usp=share_link

Regards
Induction Program Cell (IPC)
All India Council for Technical Education
Nelson Mandela Road, Vasant Kunj
New Delhi - 110 070

प्रो. राजीव कुमार
सदस्य सचिव
Prof. Rajive Kumar
Member Secretary

सत्यमेव जयते

अखिल भारतीय तकनीकी शिक्षा परिषद
(भारत सरकार का एक सांविधिक निकाय)
शिक्षा मंत्रालय, भारत सरकार
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली -110070
दूरभाष: 011-29581399
ई मेल : ms@aicte-india.org
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory Body of the Govt. of India)
Ministry of Education, Govt. of India
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070
Phone: 011-29581399
E-mail: ms@aicte-india.org

F.No. AICTE/Fin/WH/2015-16 Dated 03.11.2022

To

All Directors/Principals of AICTE Approved Institutions

Subject: Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

Sir/Madam,

As you are aware that the Government of India is committed to promote gender equality and women empowerment across every sector and preventing all forms of violence against women that negatively impact gender equality and human dignity. The Sexual Harassment of Women at Workplace ((Prevention, Prohibition and Redressal) Act, 2013 upholds women's fundamental right to equality as guaranteed under Articles 14 to 15 of the Indian Constitution, the right to live with dignity under Article 21 and the right to practice any profession or to carry on any occupation, trade or business which includes right to a safe and secure working environment free from all forms of violence and harassment, as provided under Article 19 (1) (g) of the Constitution of India.

With improved access to education, skilling, and employment opportunities, millions of Indian women are entering the country's workforce. It is crucial that as a country we provide all women with a safe and secure work environment. It is the responsibility of every employer, whether in public or private and in organized or unorganized sectors to ensure compliance with the provisions of the Act. The employers are also mandated to conduct sensitization workshops for their employees periodically to make them aware about the provisions of the Act and towards the need for upholding the dignity of women and end gender stereotypes so as to encourage more and more women to participate in economic activities. This will contribute to the realisation of gender equality and result in inclusive growth for the benefit of individuals, the family and nation as a whole.

In view of the above, the following activities are to be conducted in all the AICTE approved institutions from 25.11.2022 to 10.12.2022.

i. To conduct sensitization workshops for their employees to make them aware about the provisions of the Act.
ii. To observe the 25th of November as the International Day for the Elimination of Violence against Women.

iii. To observe' Discrimination against Women Pakhwada from 25.11.2022 to 10.12.2022.

iv. Internal Complaints Committees to conduct a special drive to review the pending cases and take appropriate action before 9th December 2022.

Accordingly, the Action Taken Report in the matter may kindly be made available to the AICTE Headquarter latest by 13th of December 2022 positively so that the same could be submitted to the ministry.

This may be treated Most-Urgent

With regards,

3.11.22

Prof. Rajive Kumar

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NAAC A+ & NBA

Prevention of Sexual Harassment Cell - (POSH)

Centre for Student Affairs

POSH/CSA/KSRIET/2022-2023/04 DATE: 29.11.2022

CIRCULAR

It is informed to all the girl students that any grievances can be brought to the notice of your class advisors concerned or to Dr. S. Agiladevi, Prevention of Sexual Harassment Coordinator (POSH) (Contact No-9994743365).

Grievances can also be mailed to vishakacomplaints7316@gmail.com

director_sash@ksriet.ac.in

Note: Grievances shall be maintained confidentially

29/11/22

Coordinator/POSH

Director/Student Affairs

Principal

PRINCIPAL
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K S R KALVI NAGAR
TIRUCHENGODE-637 215,
NAMAKKAL DT, TAMIL NADU.

Circulated to:

1. All Staff and Faculty members
2. All girl students

PHOTOS


GPS Map Camera
KSR Kalvi Nagar, Tamil Nadu, India
9R5J+CM, KSR Kalvi Nagar, Tamil Nadu 637215, India
Lat 11.35866°
Long 77.83205°
29/09/22 11:00 AM GMT +05:30
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GPS Map Camera
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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE- 637215

WOMEN EMPOWERMENT CELL
PREVENTION OF SEXUAL HARASSMENT CELL (POSH)
CENTRE FOR STUDENT AFFAIRS

Name of the program	Awareness Programme	Organized Dept /Forum Name	WEC & Cent for Student Affairs
Title of the program	A PROGRAM ON MODERN GIRL	Date	29.09.202
		Time	10:45 am
		Venue	ECE SEMINAR HA
		Number of Participants Attended	All 3rd Year Gi Students

AGENDA

Particulars	Resource Person
Welcome Address	Ms. H. J. YAMINI III-ECE Student Member
Presidential Address	Dr. J.C. KANNAN Director-Students Affairs
Felicitation	Dr. S AGILADEVI ASP / Chemistry
Vote of Thanks	Ms. K HARSHINI III-ECE Student Member

Report of the Event	Our students have a restless, feverish desire for activity now days So we motivated them to avoid the usage of mobile phones unnecessarily. We had given the practical advice for the busy modern girl. And explained the advantages and disadvantages of social media.	

30/09/22

WEC Coordinator	Director-Student Affairs	Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NAAC A+ & NBA

Women Empowerment Cell

Prevention of Sexual Harassment – (POSH)

Centre for Student Affairs

WEC/POSHCSA/KSRIET/2022-2023/03 DATE: 27.09.2022

CIRCULAR

Our College Women Empowerment Cell (WEC) has planned to create awareness for Girl students. In this regard we are going to conduct **"A Program on Modern Girl"** for 3rd Year Girl Students in ECE Seminar Hall on 29.09.2022 at 10.45am

Coordinator/WEC Director/Student Affairs Principal

Circulated to:

1. All Female Faculty and Staff
2. All 3rd Year girl students

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE- 637215

WOMEN EMPOWERMENT CELL
PREVENTION OF SEXUAL HARASSMENT CELL (POSH)
CENTRE FOR STUDENT AFFAIRS

Name of the program	Awareness Programme	Organized Dept /Forum Name	WEC & Centr for Student Affairs
Title of the program	BE SAFE IN SOCIAL MEDIA	Date	23.08.2022
		Time	2.30 pm
		Venue	Gallery Ha
		Number of Participants Attended	All Girls Students

AGENDA

Particulars	Resource Person
Prayer Song	Ms. S. PRAGADHEESHWARI & S.LOGESHWARI Student Member
Welcome Address	Dr. S AGILADEVI ASP / Chemistry
Chief Guest Introduction	Ms. M. BLESSY II-CSE Student Member
Presidential Address	Dr. P. MEENAKSHIDEVI Director-Academics
Vote of Thanks	Ms. K.ANUSREE II-IT Student Member

Report of the Event	Dr. P. Meenakshidevi explained about the ' Be safe in Social Media' and she provided the statistical data of using the social medias in regular life and also given the awareness on the danger about the usage of social medias	

25/08/22	J.C 25/8/22	H.O
WEC & POSH Coordinator	Director-Student Affairs	Principal

PHOTOS


GPS Map Camera
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9R5J+7P8, Tamil Nadu 637215, India
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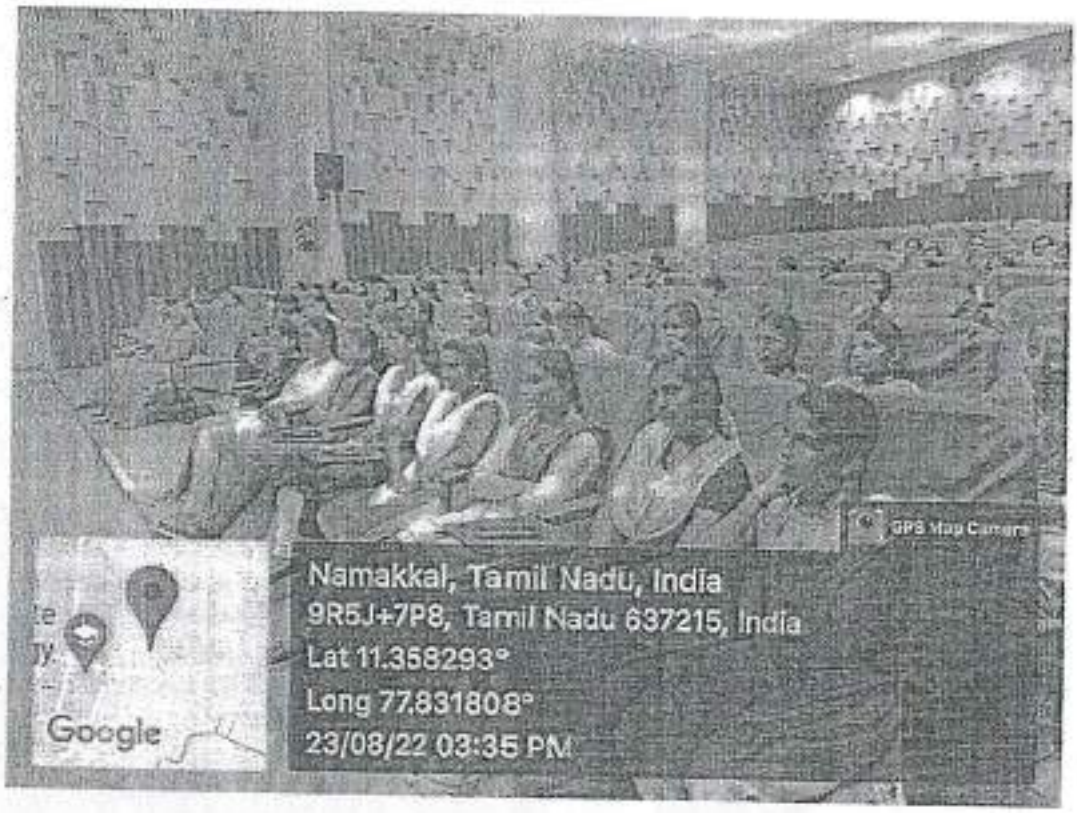
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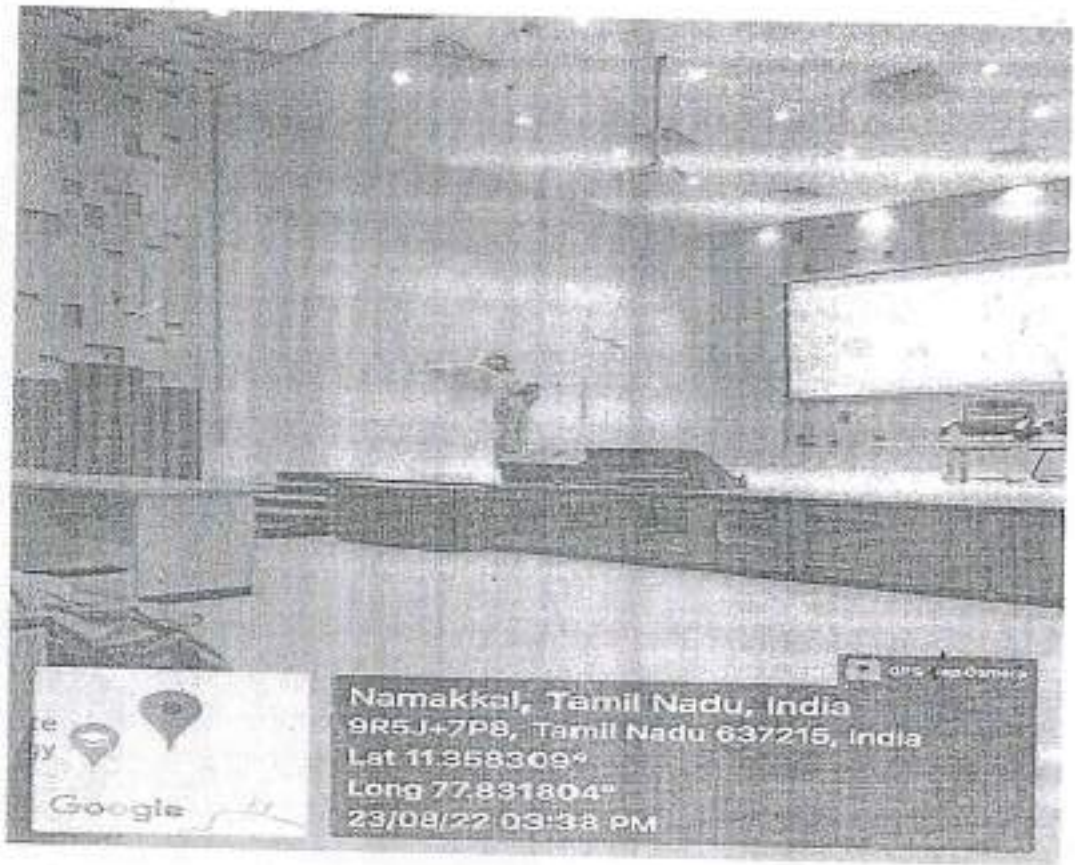
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KSRIET	K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE- 637215
	WOMEN EMPOWERMENT CELL PREVENTION OF SEXUAL HARASSMENT CELL (POSH) CENTRE FOR STUDENT AFFAIRS

Name of the program	Awareness Programme	Organized Dept /Forum Name	WEC & Centr for Student Affairs
Title of the program	AWARENESS ON VIOLENCE AGAINST WOMEN	Date	12.08.2022
		Time	10:30 am
		Venue	ECE SEMIN HALL
		Number of Participants Attended	All Girls Students

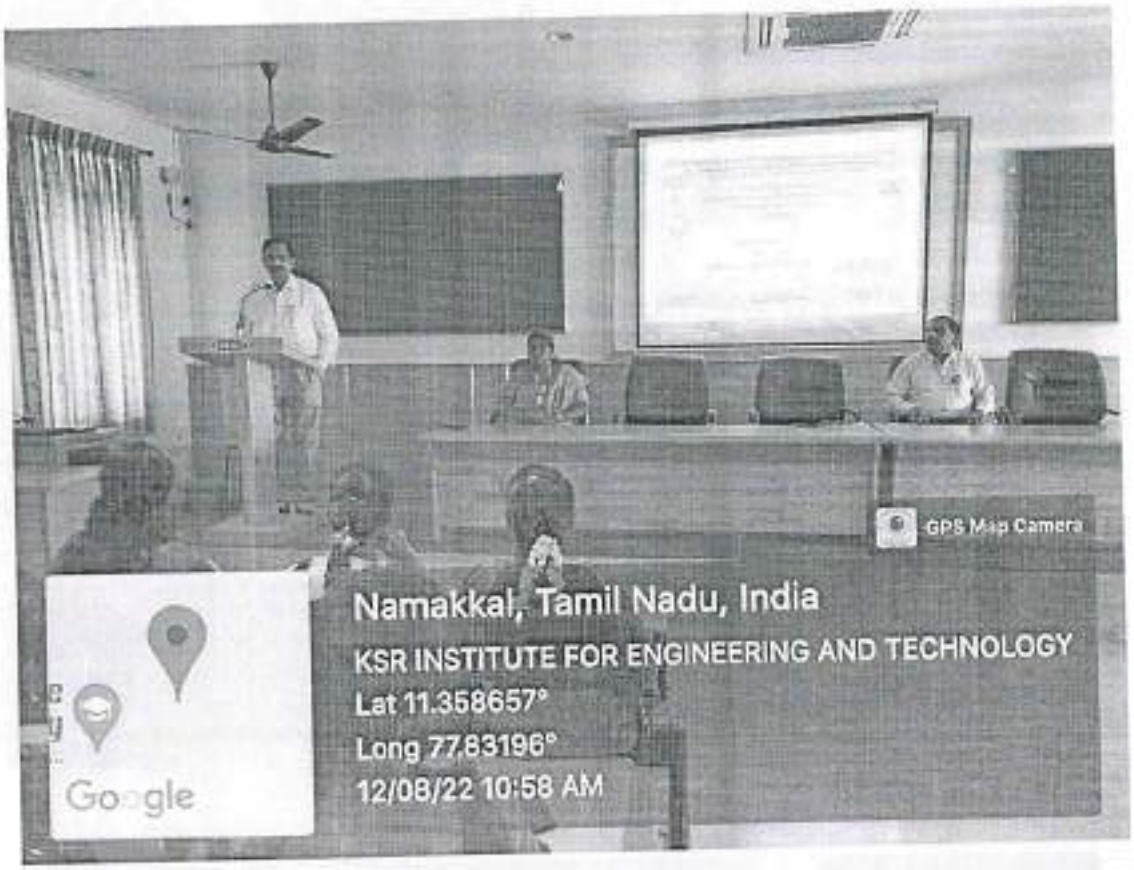
AGENDA

Particulars	Resource Person
Welcome Address	Ms. K.ANUSREE II-IT Student Member
Presidential Address	Dr. M. VENKATESAN Principal, KSRIET
Felicitation	Dr. J.C. KANNAN Director-Students Affairs
Vote of Thanks	Dr. S AGILADEVI ASP / Chemistry

Report of the Event	Principal Explained well about the 'Awareness on Violence against Women'. He explained the obstacle to achieving equality, development, peace as well as to the fulfillment of women and girls' human rights	

15/08/22		
WEC & POSH Coordinator	Director-Student Affairs	Principal

PHOTOS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KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
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GPS Map Camera
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KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
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Long 77.83196°
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GPS Map Camera
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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
TIRUCHENGODE – 637 215

KSRIET

Date: 22.06.2022

NOTICE

VISHAKA COMMITTEE POLICY

Vishaka Committee include

- Physical contact
- Demand or request for sexual favours
- Sexually colored remarks
- Display of pornography
- Any other unwelcome physical, verbal or non-verbal conduct of a sexual nature.

Any disorderly conduct pertaining to the above stated will be booked under Vishaka committee act. Stringent actions will be taken on complaints. The college is committed to prohibition, prevention and redressal of Vishaka committee of women at workplace as per the act 2013.

The female student, staff and faculty are requested to inform any such activities to the class Advisor/HoD/Internal Complaints Committee against Vishaka committee Members/principal then and there for necessary actions.

Contact Numbers:

Dr. M. Venkatesan	9944456056
Dr. S. Agiladevi	9994743365
Dr. J.C.Kannan	9842803325
Dr. S. Premalatha	9942329398

22/6/22

PRINCIPAL

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
TIRUCHENGODE – 637 215

KSRIET

Date: 22.06.2022

Sub: Reconstitution of members for the Internal Complaints Committee-Vishaka committee – Reg.

The new members for Internal Complaints Committee-Vishaka committee have been reconstituted for the academic year 2022-2023. The committee has been setup with the aim of providing women, an appropriate complain mechanism against unwelcome sexually determined behavior whether directly or by implication. The members are requested to extend their full cooperation for the successful operation of the committee. The committee is reconstituted with the following faculty and student members.

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

22/06/22

Presiding Officer

22/6/22

PRINCIPAL

R. Srinivasan B.E.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D
Principal

Lr.No.:ICCASH 05/KSRIET/2022-2023

Date: 06.10.2022

To

District Social Welfare Officer,
No-234, 1–Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 3677/m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for September is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

PRINCIPAL
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DIST., TAMIL NADU.

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 05.09.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
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13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.

50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 05.09.2022
Place: Tiruchengode

R. Srinivasan B.E.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D
Principal

Lr.No:ICC/SEH 04/KSRIET/2022-2023

Date: 06.09.2022

To

District Social Welfare Officer,
No-234, I –Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for August is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE

FORMAT - I

No such incident has been reported till date 05.08.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
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14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

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50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 05.08.2022
Place: Tiruchengode

R. Srinivasan B.E.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Lr.No.:ICCASH 03/KSRIET/2022-2023

Date: 05.08.2022

To

District Social Welfare Officer,
No-234, 1–Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for July is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL (DIST.), TAMIL NADU.

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE
FORMAT - I

No such incident has been reported till date 07.07.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.
50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 07.07.2022
Place: Tiruchengode

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE – 637 215

VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

KSRIET

MINUTES OF THE MEETING

2022-2023		Date: 19.07.2022		Venue : ECE Seminar Hall
Members attended: Dr. S.A, Dr.J.C.K, Dr.S.P, Mrs.P.N, Mr.P.S, A.J, S.A, T.S, T.K.V, A.A.N, R.K				
S.No.	**Agenda**	**Discussion**	**Action taken**	**Responsibilities**
1.	Welcoming of new members	The newly elected student committee members were greeted by the faculty members of the committee. The role and the responsibilities were allotted.	The new members list should be notified to all.	Presiding Officer
2.	About the committee	Committee goal and objectives were discussed and the newly elected members clarified their doubts about the functions of the committee.	Presiding officer stated the intention, goals, objectives and the significance of framing the committee.	Members
3.	Conducting Awareness Programmes	Awareness programme on Good Touch Vs Bad Touch can be organized for the female staff and students.	Schedule should be planned at the earliest.	Staff I/C
4.	Any Other Matter	CSR activities may be initiated through this committee to the nearby schools.	Members are requested to find the possibilities.	Presiding Officer

19/07/22

PRESIDING OFFICER

PRINCIPAL

Copy to: All HoDs and members

Dr.J.C.K	Dr. S.P	Mrs. P.N	Mr. P.S	S.A	J.S.A	T.S	T.K.V	A.A.N	R.K

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
TIRUCHENGODE – 637 215

KSRIET

VISHAKA COMMITTEE -INTERNAL COMPLAINTS COMMITTEE

Circular

Academic Year: 2022 – 2023 **Date: 18.07.2022**

Sub: First Committee Meeting

The meeting of Vishaka committee - Internal complaints committee is scheduled on 19.07.2022 at 12.30 p.m. in ECE Seminar hall. The members of the committee are requested to make it convenient to attend the meeting. The agenda is given below

S.No.	Agenda
1.	Welcoming of new members
2.	About the committee
3.	Conducting awareness programmes
4.	Any Other Matter

18/07/22

Presiding Officer

18/07/22

PRINCIPAL

Copy to:-

1. All members
2. File

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode – 637 215

VISHAKA COMMITTEE - INTERNAL COMPLAINTS COMMITTEE

PREVENTION OF SEXUAL HARASSMENT CELL (POSH)

Date: 22.06.2022

Formation of Committee members for the Internal Complaints Committee Against Sexual Harassment (VISHAKA)

The new member for Internal Complaints Committee against Sexual Harassment has been formed for the academic year 2022-2023 as per the UGC norms. The committee has been setup with the aim of providing women, an appropriate complain mechanism against unwelcome sexually determined behavior whether directly or by implication. The committee is formed with the following faculty and student members.

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Student Member
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13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri jannai	III Year	ECE	Student Member
15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

22/06/22

Presiding Officer

PRINCIPAL

K.S.R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)
(CSE, EEE, ECE, MECH & IT Programmes accredited by NBA)

KSRIET

R. Srinivasan B.E.M.,
Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.
Principal

Lr.No.:MCCASH 02/KSRIET/2022-2023

Date: 06.07.2022

To

District Social Welfare Officer,
No-234, I–Floor,
New Additional Building,
Collectorate, Namakkal.

Sir,

Ref.: Your Lr.No. 367/ m1/2016, dated: 14.05.2018.

Vishaka committee-Internal complaints committee was formed and conducted on 2022-2023 and the monthly report for June is enclosed.

There has been no incidence of any Vishaka committee reported to the committee so far till date.

Thanking You,

Yours Faithfully,

PRINCIPAL

Encl.: Format 1 & 2

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DIST., TAMIL NADU.

REPORT OF THE VISHAKA COMMITTEE AT
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TILL DATE
FORMAT - I

No such incident has been reported till date 06.06.2022)

Sl.No	District	Name of Petitioner	Name & designation of accused	Date and time of incident accused	Nature of Vishaka committee	Details of action taken
NIL						

FORMAT - II

குழு உறுப்பினர்கள் விவரம் :

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
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4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
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16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

குழு உருப்பினர்கள் 5 நபர்களுக்கு குறையாமல் இருக்க வேண்டும்.
50% பெண்களாக இருக்க வேண்டும்.

PRINCIPAL

Date: 06.06.2022
Place: Tiruchengode

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE-637 215

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /01 **CIRCULAR** **DATE: 10/08/2022**

Our KSRIET National Service Scheme (NSS) is going to Celebration on Independence Day on 12 August 2022 at 11.00 AM at Devanankurichi village. In this regard, we invite all our faculties and student volunteers to attend this programme.

NSS Programme officer

Principal

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Celebration on Independence Day at adapted village"on 12/08/2022

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the Program

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	GEETHANJALI S	II/BME
2.	GOKUL G	II/BME
3.	HEERA R	II/BME
4.	JAGADEESH S	II/BME
5.	PRADEEP G	II/BME
6.	PRASANNA S	II/BME
7.	PRAVEEN V	II/BME
8.	PREMKUMAR R G	II/BME
9.	ARCHANA A	II/CSE
10.	ARUNAGIRI B	II/CSE
11.	BHARATHI KANNAN V	II/CSE
12.	BLESSY M	II/CSE
13.	HARIPRIYA R B	II/CSE
14.	HARISVA N S	II/CSE
15.	HELAN HENCIDA K	II/CSE
16.	JAYABHARATH T	II/CSE
17.	KAMALISA P	II/CSE
18.	KANISHKA D	II/CSE
19.	KAVIN ADITHYA S R	II/CSE
20.	DEEPAK RAJ M	II/EEE
21.	DHINAGARAN A	II/EEE
22.	GOWTHAM A	II/EEE
23.	GUNALAN K P	II/EEE
24.	HARIHARAN D	II/EEE
25.	ATHIEF S	II/ECE
26.	DHACHINAMOORTHI S	II/ECE
27.	DHANUSH V	II/ECE
28.	DHANUSH KUMAR K	II/ECE
29.	DHARMASASTHA P	II/ECE
30.	ELAMATHI B	II/ECE

NSS PROGRAMME OFFICER

PRINCIPAL

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Celebration on Independence Day at adapted village – Report

Academic Year: 2022-2023

Name of the Programme	**Celebration on Independence Day at adapted village**		
Date &Time	12/08/2022 &11.00AM	**Venue**	Thokkavadi
Chief Guest/Resource Person	-	**No of NSS Volunteers involved in the activity**	30
		No of Beneficiaries	Public
About Programme /Activity	The Independence day was celebrated on 12th August, 2022 at 11.00 AM at Thokkavadi. In this regard our NSS Volunteers were involved to fix the flag in every house and salute the flag. Almost 30students were involved in this activity.		

Celebration on Independence Day at adapted village

NSS Coordinator

Principal

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE-637 215

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /02 **CIRCULAR** **DATE: 10/08/2022**

Our KSRIET NSS is organizing Food safety Rally on 13 August 2022 at Namakkal from 11.00 AM. We are inviting all our NSS Volunters, Teaching and Non Teaching faculties are asked to participate.

NSS Programme officer

Principal

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Food safety Rally at Namakkal– Report

Academic Year: 2022-2023

Name of the Programme	Food safety Rally at Namakkal		
Date &Time	13/08/2022 & 08.00AM	**Venue**	Namakkal
Chief Guest/Resource Person	-	**No of NSS Volunteers involved in the activity**	100
		No of Beneficiaries	Public
About Programme /Activity	Our District Food safety department organized food safety awareness rally at namakkal on August 13.In this regard, our KSRIET students were participated in the rally.Refreshments were provided to the participants and volunteers. NSS volunteers around 100 were actively participated in the rally by raising slogans.		

Food safety Rally at Namakkal

NSS Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Food safety Rally at Namakkal" on 13/08/2022

Name list of volunteers

Academic Year: 2022-2023

The following students are permitted to attend the Rally:

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	HARI ARULKUMAR	II/ECE
2.	HARISHRAAM P	II/ECE
3.	JAYARAJA T V	II/ECE
4.	KAMALESH KANNAN G	II/ECE
5.	PRITHIVIRAJ S	II/ECE
6.	RAGAVI H	II/ECE
7.	RAJKUMAR V	II/ECE
8.	RITHIKA T	II/ECE
9.	RIYAS R	II/ECE
10.	ELANGOVAN R	II/MECH
11.	GIRI MURUGAN P	II/MECH
12.	GIRISOTH P	II/MECH
13.	GOKUL S	II/MECH
14.	GUGAN A	II/MECH
15.	HARIHARAN K	II/MECH
16.	HARISHWAR R	II/MECH
17.	JAWAHAR K	II/MECH
18.	KARTHIK P	II/MECH
19.	KARTHIK RAJ K	II/MECH
20.	PRADEES J	II/MECH
21.	PRASEN S S	II/MECH
22.	RAHAMATHULLA S	II/MECH
23.	ROHAN N	II/MECH
24.	SANTHOSH M	II/MECH
25.	SARAN P S	II/MECH
26.	SATHISH S	II/MECH
27.	SUDHARSAN B	II/MECH
28.	TAMILSELVI K	II/MECH
29.	VIGNESWARAN V	II/MECH
30.	OVIYA G	II/IT
31.	PRADEEP KUMAR K	II/IT
32.	PRAGADHEESHWARI S	II/IT
33.	PRAVEEN N	II/IT

34.	RAGUPATHY R	II/IT
35.	RAMESH KANNAN V	II/IT
36.	RANJINI M	II/IT
37.	RANJITH KUMAR S	II/IT
38.	RANJITHKUMAR P	II/IT
39.	SAFFIYA SHABEEN S	II/IT
40.	THANUSHKUMAR T	II/BME
41.	THUSPIKA N	II/BME
42.	VANMATHI R	II/BME
43.	VENUGOPAL S	II/BME
44.	VIJAYASARATHY P	II/BME
45.	YAGNASHRI NELLUTLA	II/BME
46.	SUBHARANJANI M	II/CSE
47.	SURYA D	II/CSE
48.	UDHAYARAGAVAN V S	II/CSE
49.	VASANTH S	II/CSE
50.	VIJAYA BASKAR R	II/CSE
51.	VISHNUDHASAN G	II/CSE
52.	YALINI A	II/CSE
53.	YASAR ARAFATH AZAD ALI	II/CSE
54.	YOGESH KUMAR S	II/CSE
55.	YOGESHWARAN D	II/CSE
56.	DHARSHINI N	III/CSE
57.	DIVYA R	III/CSE
58.	DURGADEVI K S	III/CSE
59.	ELANGKUMARAN T	III/CSE
60.	GANESH KUMAR	III/CSE
61.	GNANAMOORTHI M	III/CSE
62.	GOKULA KANNAN M	III/CSE
63.	HARIPRASATH S G	III/CSE
64.	HARISHKUMAR J	III/CSE
65.	AJAYKANTH S	III/EEE
66.	CHANDRU R	III/EEE
67.	GNANAVEL G	III/EEE
68.	GOKULNATH M	III/EEE
69.	GOKULRAJ S	III/EEE
70.	GUNASEKARAN S	III/EEE
71.	JANARTHANAN T	III/EEE

72.	KALAIYARASAN G	III/EEE
73.	KARTHEESWARAN A U	III/EEE
74.	KARTHICK E	III/EEE
75.	HARIPRABHU J	III/EEE
76.	JAGANATHAN R	III/EEE
77.	JAWAHAR M K	III/EEE
78.	JEEVABHARATHI M	III/EEE
79.	KAMALESH C	III/EEE
80.	KARTHICKRAJA S	III/EEE
81.	KAVIMANI K	III/EEE
82.	MAHALAKSHMI R	III/EEE
83.	MOKUL NALLA KUMAR S	III/EEE
84.	VIVEKA S	III/ECE
85.	YAMINI H J	III/ECE
86.	YUVARAJ L	III/ECE
87.	YUVARAJ R	III/ECE
88.	BHAVANKUMAR D	III/ECE
89.	DHIVAKAR M	III/ECE
90.	HARIDHARAN S	III/ECE
91.	SASIDHARAN P	III/ECE
92.	SOUNDARYA S	III/ECE
93.	SRI JANANI T	III/ECE
94.	DINESHKUMAR R	III/MECH
95.	DINESH N	III/MECH
96.	GOKULNATH M	III/MECH
97.	KAVINKUMAR J	III/MECH
98.	KIRUBAKARAN R	III/MECH
99.	KRISHNAMOORTHI S	III/MECH
100.	NAVEEN G	III/MECH
101.	NAVETHITHA A A	III/MECH

NSS PROGRAMME OFFICER

PRINCIPAL

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE-637 215

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /03 **CIRCULAR** **DATE: 13/10/2022**

Our KSRIET NSS has planned to "Youth awakening day celebration" on 15/10/2022 at 10.30 AM in EEE Seminar Hall. In this regard all faculty members and students are asked to attend the programme without fail.

NSS Programme officer **Principal**

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Youth awakening day celebration – Report

Academic Year: 2022-2023

<table>
<tr><td>Name of the Programme</td><td colspan="4">Youth awakening day celebration</td></tr>
<tr><td>Date &Time</td><td>15/10/2022
&10.00AM</td><td>Venue</td><td colspan="2">EEE Seminar hall</td></tr>
<tr><td rowspan="2">Chief Guest/Resource Person</td><td rowspan="2">-</td><td>No of NSS Volunteers involved in the activity</td><td colspan="2">105</td></tr>
<tr><td>No of Beneficiaries</td><td colspan="2">105</td></tr>
<tr><td>About Programme /Activity</td><td colspan="4">Our KSRIET NSS, the Youth awakening day celebration was organized on 15 October 2022 in our EEE Seminar hall. In this programme 105 NSS Volunteers are utilized to arrange the programme and rally was conducted 1km from our college gate.</td></tr>
</table>

Youth awakening day celebration

NSS Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Youth awakening day celebration"on 15/10/2022

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the Celebration:

S.NO	NAME OF THE VOLUNTEERS	YEAR/DEPT
1.	ENIYAVAL K	III/IT
2.	GOKUL SANJAI V	III/IT
3.	GOPINATH G	III/IT
4.	GOWTHAM S	III/IT
5.	HARIKARTHICK P G	III/IT
6.	HARI RAJ S	III/IT
7.	HARISHKUMAR A	III/IT
8.	HEMALATHA T	III/IT
9.	JAGAN M	III/IT
10.	NAVAYUGAN G	III/IT
11.	PRIYADHARSHINI M	III/IT
12.	PURUSHOTHAMAN S	III/IT
13.	RAGUL V	III/IT
14.	RANJITH KUMAR E	III/IT
15.	RAVICHANDRU T	III/IT
16.	ROGITH M	III/IT
17.	SANJAY G	III/IT
18.	SANTHOSH S	III/IT
19.	SANTHRU V	III/IT
20.	DIVYAA R P	III/BME
21.	GOBINESHWARI I	III/BME
22.	GOWSHEEBA S R	III/BME
23.	HARIHARAN S	III/BME
24.	HARI PRASANTH S	III/BME
25.	HARSHINI S	III/BME
26.	JEEVA G	III/BME
27.	KANNAN M	III/BME
28.	KAVIARASU R	III/BME
29.	KAVINKUMAR M	III/BME
30.	RAGURAMAN M	III/BME
31.	RUBA SREE S	III/BME
32.	SANJAY T	III/BME
33.	SANTHOSH KUMAR S	III/BME
34.	SARVESH R	III/BME
35.	SUDHES V	III/BME

36.	SURESH RAJAN S	III/BME
37.	SWEETHA S	III/BME
38.	VAISHNAVI T K	III/BME
39.	VARSHINI R	III/BME
40.	VASANTH A	III/BME
41.	KAVINRAJ D	III/CSE
42.	KAVISHNI S	III/CSE
43.	KIRIJA R	III/CSE
44.	KRISHANI M	III/CSE
45.	KRITHIKA R	III/CSE
46.	MALARVIZHI K	III/CSE
47.	MOHAMED SIGAF M	III/CSE
48.	MOHANKUMAR S	III/CSE
49.	NAVEENKUMAR M	III/CSE
50.	NAVIN S	III/CSE
51.	MANGAYAKKARASI S	III/EEE
52.	MAYURI M	III/EEE
53.	NANDHINI K	III/EEE
54.	NITHISHKUMAR R	III/EEE
55.	PAVITHRA D	III/EEE
56.	RAHUL V	III/EEE
57.	SARANYA M	III/EEE
58.	SARANYA P	III/EEE
59.	SRI RAMPRASANTH P	III/EEE
60.	CHANDRU A	I/EEE
61.	DHANASEKAR A	I/EEE
62.	DHARANEESH R	I/EEE
63.	DHARANI S	I/EEE
64.	DINAKAR E	I/EEE
65.	DIVYABHARATHI K	I/EEE
66.	ELAVARASAN S	I/EEE
67.	EVANJALIN JONES J	I/EEE
68.	GAJALAKSHMI K	I/EEE
69.	GOPIKA R	I/EEE
70.	PRAGADEESH J	I/ECE
71.	RAJASEKARAN R	I/ECE
72.	RAMYA V	I/ECE
73.	RASHEMITHA A	I/ECE
74.	REVATHI K	I/ECE
75.	RITHIKA K	I/ECE
76.	RUPASRI K	I/ECE
77.	SANCHAI V S	I/ECE
78.	SANJAY MOORTHI M	I/ECE
79.	SHERLIN S	I/ECE
80.	DEEPAN S	I/MECH
81.	DHEVAPPRIYAN T	I/MECH
82.	ELAVARASAN P	I/MECH
83.	GIRIMURUGAN P	I/MECH
84.	GOKULA KRISHNAN T	I/MECH
85.	HEMANTH J	I/MECH

86.	JAGAN M	I/MECH
87.	JOSIKA G	I/MECH
88.	KALAIYARASU S	I/MECH
89.	KANDHAPERUMAL L	I/MECH
90.	KAVIN S	I/MECH
91.	NANDHANA S	I/IT
92.	NAVEEN G A	I/IT
93.	NIKASH A	I/IT
94.	NITHISH S	I/IT
95.	PRANESH R	I/IT
96.	PRAVEEN RAJ K	I/IT
97.	RADHIKA S	I/IT
98.	RITTHIC UDHAY B S	I/IT
99.	SANTHOSH KUMAR M	I/IT
100.	SARMITHA R	I/IT
101.	MANOJKUMAR V	I/BME
102.	MATHISWAR V	I/BME
103.	MATHIYAZHAGAN K	I/BME
104.	MAYILANANTHAN P	I/BME
105.	MITHRA S	I/BME

31/01/22

NSS PROGRAMME OFFICER

PRINCIPAL

KSR INSTITUTE FOR ENGINEERING ANDTECHNOLOGY

TIRUCHENGODE

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /04 **CIRCULAR** **DATE: 04/01/2023**

We are very happy to inform that "Blood donation Camp at Namakkal" will be organized on 08 January 2023.All NSS volunteers are asked to participate this camp. Bus has been arranged for camp.

NSS Programme officer

Principal

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

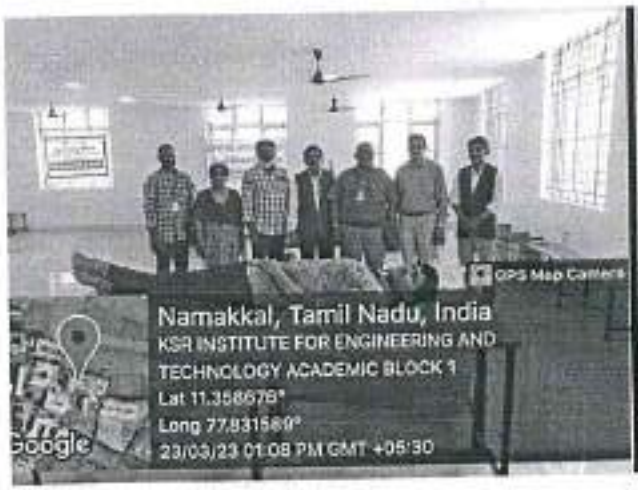
TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Blood Donation Camp– Report

Academic Year: 2022-2023

Name of the Programme	Blood Donation Camp		
Date &Time	23/03/2023 &10.00AM	**Venue**	Display Hall, KSRIET
Chief Guest/Resource Person	Government Hospital,Tiruchengode	**No of NSS Volunteers involved in the activity**	53
		No of Beneficiaries	53
About Programme /Activity	Our KSRIET NSS jointly organized with Government Hospital Tiruchengode, the blood donation camp was organized on 23 March 2023 in our Display Hall. Our Principal Dr.M.Venkatesan Inaugurated and provide certificates to the donors. In this programme 53 NSS Volunteers are utilized to arrange the programme.		



Blood Donation Camp

NSS Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Blood Donation Camp" on 23/03/2023

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the Camp:

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	JOSHAN PRAVIN KUMAR R	II/IT
2.	KAVIN S	II/IT
3.	KAVINESH S	II/IT
4.	KAVINKUMAR K	II/IT
5.	KAVIYA R	II/IT
6.	LAKSHMI VISHNU M A	II/IT
7.	LOGESHWARI S	II/IT
8.	MADHUBALA S	II/IT
9.	MAHESHWARI R	II/IT
10.	MOHAMAD YASAR I	II/IT
11.	KAVIYARASAN K	II/MECH
12.	KOWSIK P	II/MECH
13.	LOGESH D	II/MECH
14.	LOGESH T	II/MECH
15.	MOHAMMED KAFIL M	II/MECH
16.	MOHAMMED SAMIH T	II/MECH
17.	MOHAN KUMAR M	II/MECH
18.	MOHANRAM V	II/MECH
19.	MONESH KUMAR G	II/MECH
20.	NAVEENKUMAR N	II/MECH
21.	NAVEEN KUMAR M	II/MECH
22.	NAVEEN KUMAR V	II/MECH
23.	SABARICHANDRU S R	II/EEE
24.	SABARIHARIHARAN M	II/EEE
25.	SABARINATHAN A G	II/EEE
26.	SAKTHIVEL V	II/EEE
27.	SANJAY P	II/EEE
28.	SELVAGANAPATHI M	II/EEE
29.	SOMNATH P	II/EEE
30.	SUDESH S T	II/EEE
31.	SURESH T	II/EEE
32.	SANTHOSE S	II/ECE

33.	SANTHOSH M	II/ECE
34.	SASIREKHA S	II/ECE
35.	SHARMILA DEVI M	II/ECE
36.	SHIVASHANMUGHA V	II/ECE
37.	SIBI N	II/ECE
38.	SIVAPERUMAL K	II/ECE
39.	SOUNDHARYA C	II/ECE
40.	SOWMIYA S	II/ECE
41.	SRINITHI R	II/ECE
42.	SUDHARSAN S	II/ECE
43.	SULTHAN A	II/ECE
44.	JANANII S	I/CSE
45.	JANASRUTHI S	I/CSE
46.	JAYASHRI S	I/CSE
47.	JAYASURYA S	I/CSE
48.	JOHN ROHITH MIDHUN J	I/CSE
49.	JONNA S	I/CSE
50.	KALAIARASAN V	I/CSE
51.	RAAMGOPAL S	I/CSE
52.	RADHIKA G	I/CSE
53.	RAJINI KANTH M	I/CSE

NSS PROGRAMME OFFICER

PRINCIPAL

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /05 **CIRCULAR** **DATE: 01/03/2023**

Our KSRIET NSS is organizing a "Program on POSCO act" on March 8, 2023 at ECE Seminar Hall from 10.00 AM to 02.00 PM. All NSS volunteers are asked to participate this Program.

08/03/2023

NSS Programme officer **Principal**

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Program on POSCO act – Report

Academic Year: 2022-2023

Name of the Programme	Program on POSCO act		
Date &Time	08/03/2023 &10.00AM	**Venue**	ECE Seminar Hall
Chief Guest/Resource Person	DSP, Tiruchengode	**No of NSS Volunteers involved in the activity**	150
		No of Beneficiaries	150
About Programme /Activity	Our KSRIET NSS, **Program on POSCO act** was organized on 08th March 2023 in our ECE Seminar hall. In this programme 150 NSS Volunteers are utilized to arrange the programme.Our Tiruchengode DSP had spoken about **Program on POSCO act.**		

Program on POSCO act

NSS Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Program on POCSO act "on 08/03/2023

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the programme:

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	RESHMA R	I/EEE
2.	SABARI K	I/EEE
3.	SANTHOSHINI S	I/EEE
4.	SEVVEL L	I/EEE
5.	SHANKAR R K	I/EEE
6.	SRI SAMBHASIVAM P N	I/EEE
7.	SRIVARSHINI I	I/EEE
8.	SURYAPRAKASH S	I/EEE
9.	THARUN P	I/EEE
10.	VELLINGIRI A	I/EEE
11.	HARINI S V	I/ECE
12.	HARINI V	I/ECE
13.	HARISH G	I/ECE
14.	HARISH P P	I/ECE
15.	INDRESH S	I/ECE
16.	JANARANJAN M	I/ECE
17.	KABISH KUMAR K	I/ECE
18.	KARTHICK S	I/ECE
19.	KAVIRAJ T	I/ECE
20.	KISHORE KUMAR S	I/ECE
21.	MANIKANDAN R	I/MECH
22.	MUGASH S	I/MECH
23.	MYTHRAYA T	I/MECH
24.	NANDHAKUMAR S	I/MECH
25.	NAVEEN J	I/MECH
26.	NITHYASARAN M	I/MECH
27.	PERARASAN V	I/MECH
28.	PRAVEEN V	I/MECH
29.	RAGUNATH P	I/MECH
30.	RAVINDRAN M	I/MECH
31.	SRIMALINI J M	I/IT
32.	SUDHAKAR M	I/IT

33.	SUGANTHI V	I/IT
34.	SUNIL SUJITH S	I/IT
35.	SURENDHIRAN P	I/IT
36.	VIDHYA C	I/IT
37.	VIGNESHWARAN M R	I/IT
38.	VISHALINI K	I/IT
39.	YASWANTH V	I/IT
40.	ABISHEK M	I/IT
41.	AMIRTHAN A	I/IT
42.	ARULSAKTHI R	I/IT
43.	ASHLYN ABRAHAM	I/IT
44.	ASSHWINI R	I/IT
45.	BALACHANDRAN R	I/IT
46.	BHARANITHARAN R	I/IT
47.	BHARATH B	I/IT
48.	BOOMIKA M	I/IT
49.	BOOPATHY M	I/IT
50.	CHANDRU S	I/IT
51.	AHAMED HUSSAIN J	II/IT
52.	ANUJ R	II/IT
53.	ANUSREE K	II/IT
54.	BARATHRAJ S A	II/IT
55.	BHUVANESHVARI B	II/IT
56.	BOSE A S	II/IT
57.	CHANDRU R	II/IT
58.	DEVENDHIRAN N	II/IT
59.	DHANUSH M M	II/IT
60.	DHANUSRI M	II/IT
61.	PRIYADHARSHINI N	II/BME
62.	RAJESH KUMAR K	II/BME
63.	RANJINI M	II/BME
64.	RENUGA DEVI J	II/BME
65.	RITHIKA R	II/BME
66.	SACHIN R	II/BME
67.	SAMYUKTHA N	II/BME
68.	SENTHAMIL MARAN M	II/BME
69.	SIVABALAMURUGAN J	II/BME
70.	SOUMYA S	II/BME
71.	BOOPATHI I	II/BME
72.	YOGESHWARAN R	II/EEE
73.	YUVARANI D	II/EEE
74.	DHANUSH M	II/EEE
75.	ELAVARASAN T	II/EEE

76.	GANESHPRABHU S	II/EEE
77.	JAYAM M	II/EEE
78.	KAVIN KUMAR A	II/EEE
79.	MAHAVISHNU C	II/EEE
80.	MUGHIL MUTHU R	II/EEE
81.	SANDHIYA S	III/EEE
82.	SANTHOSH P	III/EEE
83.	SETHUPATHI E	III/EEE
84.	SHARAN ADITHYA P	III/EEE
85.	SIVASANKAR M S	III/EEE
86.	SOUNDARRAJAN S	III/EEE
87.	SUBHASH S	III/EEE
88.	TAMILARASAN S	III/EEE
89.	THARUN VARSHAN T	III/EEE
90.	SANDHIYA S	III/EEE
91.	SANTHOSH P	III/EEE
92.	SETHUPATHI E	III/EEE
93.	SHARAN ADITHYA P	III/EEE
94.	SIVASANKAR M S	III/EEE
95.	SOUNDARRAJAN S	III/EEE
96.	SUBHASH S	III/EEE
97.	TAMILARASAN S	III/EEE
98.	HARSHINI K	III/ECE
99.	HEMANATHAN N	III/ECE
100.	JEEVANRAJ M	III/ECE
101.	KALAIVANI E	III/ECE
102.	KARTHI B	III/ECE
103.	KAVIN B	III/ECE
104.	KOWSALYA S	III/ECE
105.	KUMUTHALAKSHMI T	III/ECE
106.	MANOJ KUMAR K	III/ECE
107.	NANDHAKUMAR K	III/ECE
108.	HARSHINI K	III/ECE
109.	VIKRAMAN D	III/ECE
110.	VIVEKA S	III/ECE
111.	YAMINI H J	III/ECE
112.	YUVARAJ L	III/ECE
113.	YUVARAJ R	III/ECE
114.	BHAVANKUMAR D	III/ECE
115.	DHIVAKAR M	III/ECE
116.	HARIDHARAN S	III/ECE
117.	SASIDHARAN P	III/ECE
118.	SOUNDARYA S	III/ECE
119.	ARUNKUMAR	II/MECH

120.	BALAMURUGAN B	II/MECH
121.	DHANUSH S	II/MECH
122.	DIWAKAR M	II/MECH
123.	ELANCHEZHIAN G R	II/MECH
124.	HARDEEP S	II/MECH
125.	JAYAVIGNESH M	II/MECH
126.	LOGESH N	II/MECH
127.	MANIKANDAN R	II/MECH
128.	MUKESH G	II/MECH
129.	SANJEEV KUMAR M	III/MECH
130.	STEPHAN FLAMING A	III/MECH
131.	SUBASH S	III/MECH
132.	VINITH SINGH R	III/MECH
133.	VINOTH M	III/MECH
134.	BOOBALAN K	III/MECH
135.	DEEPAN M	III/MECH
136.	DHANUSH K	III/MECH
137.	GIRIVASAN M	III/MECH
138.	GOKULNATH M	III/MECH
139.	SANJEEV KUMAR M	III/MECH
140.	AAKASH RAJ A	III/IT
141.	ABINESH S	III/IT
142.	ARUNADEVI S	III/IT
143.	AVINASH G	III/IT
144.	DHANAYANTH A	III/IT
145.	DHANUSH S	III/IT
146.	DHANUSHIYA E	III/IT
147.	DHANUSHRAM S	III/IT
148.	DHANUSIYA E	III/IT
149.	DHARSHANADEVI R	III/IT
150.	DHINA M	III/IT

NSS PROGRAMME OFFICER

PRINCIPAL

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /06 **CIRCULAR** **DATE: 14/03/2023**

Our KSRIET NSS is organizing a "Blood Donation Camp" Associate with Government Hospital, Tiruchengode on March 8, 2023 at Display Hall from 10.00 AM to 02.00 PM. All NSS volunteers are asked to participate this Camp.

NSS Programme officer **Principal**

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Blood donation Camp at Namakkal – Report

Academic Year: 2022-2023

Name of the Programme	Blood donation Camp at Namakkal			
Date &Time	08/01/2023 &11.00AM	**Venue**	Namakkal	
Chief Guest/Resource Person	Manitham Kuruthi kodai mugam	**No of NSS Volunteers involved in the activity**	25	
		No of Beneficiaries	25	
About Programme /Activity	Our KSRIET NSS jointly organized with Manitham Kuruthi kodai mugam Namakkal, the blood donation camp was organized on 08 January in Namakkal. In this programme 25 NSS Volunteers were donated the blood.			

Blood donation Camp at Namakkal

NSS Coordinator 9/1/23

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Blood donation Camp at Namakkal" **on** 08/01/2023

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the camp:

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	NISHAL M S	I/BME
2.	NITHISHKUMAR S	I/BME
3.	PRABHUDEVA P	I/BME
4.	PRINCY M V	I/BME
5.	RABBANI N	I/BME
6.	RAGHUL S	I/BME
7.	RAMYA S	I/BME
8.	RANJITH KUMAR S	I/BME
9.	RATHIMAAN R	I/BME
10.	RAVIKUMAR M	I/BME
11.	PURUSHOTHAMAN S	I/CSE
12.	RAGUL A	I/CSE
13.	RAGUL R	I/CSE
14.	RISHIKESH N	I/CSE
15.	SABARI S	I/CSE
16.	SABURA YASMIN A K	I/CSE
17.	SANJITHA S	I/CSE
18.	SASIDHARAN V	I/CSE
19.	SHOBNA SAMUKTHA RAJ S	I/CSE
20.	SOWMIYA M	I/CSE
21.	KALAISELVAN S	I/EEE
22.	KESAVARAJAGURU G K	I/EEE
23.	KISHORE K	I/EEE
24.	KOUSHICK R	I/EEE
25.	LALITHKUMAR K	I/EEE

NSS PROGRAMME OFFICER

PRINCIPAL

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /07 **CIRCULAR** **DATE: 14/03/2023**

Our KSRIET National Service scheme (NSS) has arranged "Blood Screening Camp." On 23 March, 2023. In this Regard all our NSS Volunteers are asked to utilize this camp.

NSS Programme officer 14/3/23

Principal 14/3/23

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

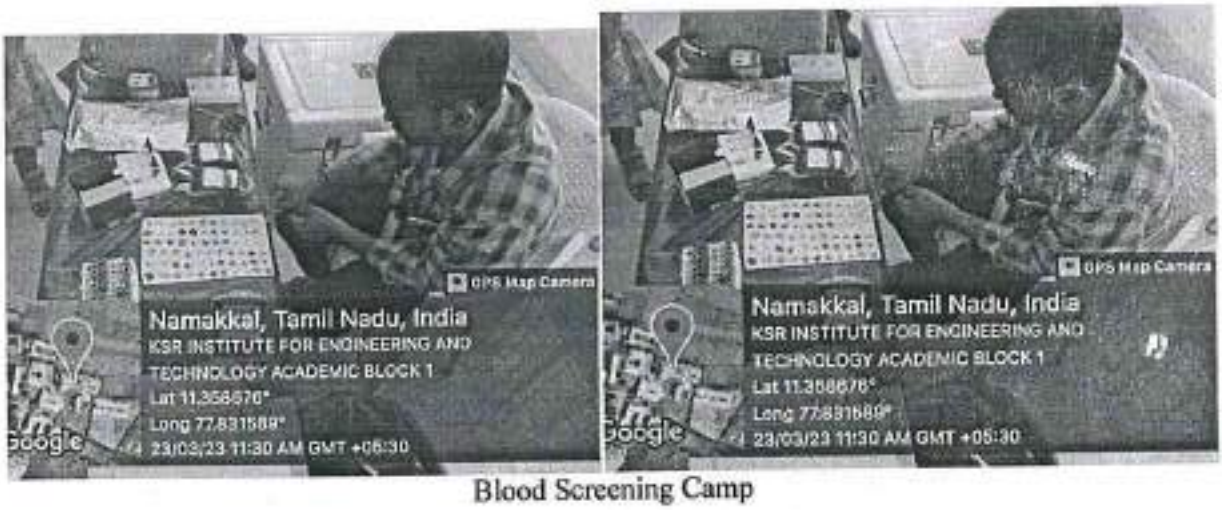
TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Blood Screening Camp – Report

Academic Year: 2022-2023

Name of the Programme	Blood Screening Camp		
Date &Time	23/03/2023 & 9.30 to11.00AM	**Venue**	Diplay Hall,KSRIET
Chief Guest/Resource Person	Government Hospital, Tiruchengode	**No of NSS Volunteers involved in the activity**	75
		No of Beneficiaries	75
About Programme /Activity	Our KSRIET NSS jointly organized with Government Hospital Tiruchengode, the blood Screening camp was organized on 23 March 2023 in our Display Hall. Our Principal Dr.M.Venkatesan Inaugurated. In this programme 75 NSS students get benefitted.		



Blood Screening Camp

NSS Coordinator 23/3/23

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Blood Screening Camp "on 23/03/2023

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the camp:

S.NO	NAME OF THE VOLUNTEERS	YEAR/DEPT
1.	RATHISH KUMAR J	I/CSE
2.	RITHISH KUMAR M	I/CSE
3.	RUBAN P	I/CSE
4.	SABARISAN R	I/CSE
5.	SABARISH R	I/CSE
6.	SACHIN R	I/CSE
7.	SANJEEV M	I/CSE
8.	SANTHANA SHREE M	I/CSE
9.	SANTHOSHKUMAR T	I/CSE
10.	SHEELA S	I/CSE
11.	SHRI SANDHOSHI R	I/CSE
12.	SINDHU M	I/CSE
13.	SRIDHAR A	I/CSE
14.	SRISABARI N	I/CSE
15.	SRISABARISH S	I/CSE
16.	SUGANDAN R	I/CSE
17.	SURYA J	I/CSE
18.	SURYA KUMAR M	I/CSE
19.	THARUN S	I/CSE
20.	THIRUNEELAKANDAN B	I/CSE
21.	VAISHNAVI R	I/CSE
22.	VENGADESHWARI R	I/CSE
23.	VIKASH T	I/CSE
24.	AYESHA NABILA S S	I/BME
25.	BARATH A	I/BME
26.	DHANASRI K	I/BME
27.	DHARAN A	I/BME
28.	DHARANISH B	I/BME
29.	DINESH M	I/BME
30.	GOKULA KRISHNAN V	I/BME
31.	GOKULVASAN A C	I/BME
32.	HARIKRISHNAN K	I/BME
33.	HARIPRASANTH M	I/BME
34.	HARISRIKARAN R T	I/BME
35.	INDIRAN K	I/BME

36.	JAYANTH G S	I/BME
37.	KALAIVANI R	I/BME
38.	KAVIN PRABHU S	I/BME
39.	KAVIYA SREE B K	I/BME
40.	KAYALVIZHI S	I/BME
41.	KEERTHANA D	I/BME
42.	KARTHIK V	II/EEE
43.	KAVIN K K	II/EEE
44.	KIRTHICK RAJ K M	II/EEE
45.	KISHORE C	II/EEE
46.	MANIKANDESWARAN A	II/EEE
47.	MAREESWARAN P	II/EEE
48.	NAVEEN KUMAR K	II/EEE
49.	NAVEEN KUMAR M	II/EEE
50.	NITHAJ B	II/EEE
51.	PARTHIPAN A	II/EEE
52.	PRASANTH J	II/EEE
53.	GOWSIK P	I/EEE
54.	GOWTHAM K	I/EEE
55.	GOWTHAMRAJ M	I/EEE
56.	GUNAL M	I/EEE
57.	HARIHARAN C	I/EEE
58.	HARSHAN R	I/EEE
59.	JAYAVISHNU A S	I/EEE
60.	JEEVANANTHAM K	I/EEE
61.	JEEVAPRIYAN P	I/EEE
62.	KAAVAN V	I/EEE
63.	GAYATHRI K	I/IT
64.	GOKUL M	I/IT
65.	GOKULNATH S	I/IT
66.	HARIPRAKASH A	I/IT
67.	HARIPRASATH M	I/IT
68.	JANARTHAN M	I/IT
69.	JEEVA V	I/IT
70.	JIJENDIRA KUMAR H	I/IT
71.	KAMALI B	I/IT
72.	KARTHIKEYAN S	I/IT
73.	KAVINRAJ M	I/IT
74.	KAVIPRIYAN K A	I/IT
75.	KEERTHIVAISHALI S	I/IT

NSS PROGRAMME OFFICER

PRINCIPAL

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE

National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2022-2023 /08 **CIRCULAR** **DATE: 30/03/2023**

All the staff members (Teaching and Non-teaching) and students are invited to utilize the "Wearble MEMS Medical Camp." from 04/04/2023 to 05/04/2023 at 09.00 am in Display Hall in our college premises.

NSS Programme officer **Principal**

Copy to

- The Principal Office,
- All Department HODs,
- Common Notice Board.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Wearble Mems Medical Camp– Report

Academic Year: 2022-2023

Name of the Programme	Wearble MEMS Medical Camp		
Date &Time	04/04/2023 to 05/04/2023 &10.30AM	**Venue**	Display hall
Chief Guest/Resource Person	Werable Mems	**No of NSS Volunteers involved in the activity**	40
		No of Beneficiaries	153
About Programme /Activity	Our KSRIET NSS Organized Wearble MEMS medical for Public from 04th april to 05th april at our Display hall and showed the recent medical devices for patients.In this camp around 153 patients visited.		

Wearble MEMS Medical Camp

NSS Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHONOLGY

National Service Scheme (NSS)

"Wearble MEMS Medical Camp " From 04/04/2023 to 05/04/2023

Name List of Volunteers

Academic Year: 2022-2023

The following students are permitted to attend the camp:

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	ARCHANA A	II/CSE
2.	BLESSY M	II/CSE
3.	DARSHANA S P	II/CSE
4.	KANISHKA	II/CSE
5.	NESIGAA M	II/CSE
6.	POOJASRI B	II/CSE
7.	DEVADHARSHINI R K	II/CSE
8.	DEVIKALA S	II/CSE
9.	DIVIYAPRIYA K	II/CSE
10.	GEETHAPRIYA D	II/CSE
11.	ARUN V	II/ECE
12.	ARUNKARTHIK K	II/ECE
13.	ATHIEF S	II/ECE
14.	DHACHINAMOORTHI S	II/ECE
15.	DHANUSH V	II/ECE
16.	DHANUSH KUMAR K	II/ECE
17.	DHARMASASTHA P	II/ECE
18.	ELAMATHI B	II/ECE
19.	ESWARAN S	II/ECE
20.	GEETHAMBARI M	II/ECE
21.	DHARSHINI S	II/IT
22.	DHARUN KUMAR V	II/IT
23.	DHIVYADHARSHINI S	II/IT
24.	DIVAKAR S	II/IT
25.	ELSON DEVARAJ R	II/IT
26.	GLADSON J	II/IT
27.	GOWRI S	II/IT
28.	GOWSIKK KUMAR K	II/IT
29.	GOWTHAM G	II/IT
30.	INDHU PRIYA G	II/IT
31.	INDIRESAN K	II/IT
32.	KARTHIK KM	III/MECH

33.	LAKSHMANAN S	III/MECH
34.	MANOJ KUMAR M	III/MECH
35.	SRIDHAR V	III/MECH
36.	SRIMURALI AS	III/MECH
37.	VASANTH N	III/MECH
38.	VASANTHAKUMAR S	III/MECH
39.	WILFRED A	III/MECH
40.	YOGESH S	III/MECH

NSS PROGRAMME OFFICER

PRINCIPAL