

(An ISO 9001: 2015 Certified Institution)
(Affiliated to Visvesvaraya Technological University Belagavi)
Badaga Mijar, Moodabidri-574225, Karnataka

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



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Documents Enclosed

| Sl. No. | Particulars | Page Nos | | |
|---------|--|----------|--|--|
| 1 | Courses relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability as per the University Curriculum | 1-31 | | |
| 1.1 | Constitution of India, Professional Ethics and Human Rights | 2-6 | | |
| 1.1.1 | Constitution of India, Professional Ethics and Cyber Law | 7-8 | | |
| 1.1.2 | Constitution of India and Professional Ethics | 9-9 | | |
| 1.2 | Environmental Studies | 10-19 | | |
| 1.3 | Management and Entrepreneurship for IT Industry | | | |
| 1.3.1 | 1 Management and Entrepreneurship | | | |
| 1.4 | Workplace Ethics and Value Systems | 28-31 | | |
| 2 | Activities relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability | 32-68 | | |
| 2.1 | Details of activities during 2019-20 | 33-42 | | |
| 2.2 | Details of activities during 2018-19 | 43-53 | | |
| 2.3 | Details of activities during 2017-18 | 54-58 | | |
| 2.4 | Details of activities during 2016-17 | 59-63 | | |
| 2.5 | Details of activities during 2015-16 | 64-68 | | |
| 3 | Support for Gender Equity | 69-70 | | |



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Courses relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability as per the University Curriculum

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

Constitution of India, Professional Ethics and Human Rights (CPH)

(Common to all branches)

[As per Outcome Based Education(OBE) and Choice Based Credit System (CBCS) scheme] (Effective from the academic year 2018-19)

| Course Code | : 17CPH39/49 | SEE Marks: 30 |
|-----------------|--------------------------|---------------|
| Contact Hours/V | Week: 01 hr Theory /week | CIE Marks: 20 |
| Total Hours | : 15 | Exam: 02 hr |
| Semester | : III / IV | Credit: 1 |

Course Learning Objectives: This course (17CPH39/49) will enable the students

- To assimilate and get familiarized with basic information about Indian constitution and provide overall legal literacy to the young technograts to manage complex societal issues in the present scenario.
- To identify their individual roles and ethical responsibilities towards society.
- To understand engineering ethics & responsibilities, through the learning of these topics students will be able to understand human rights/ values and its implications in their life.

MODULE-I

Introduction and Basic Information about Indian Constitution

- The Necessity of the Constitution, The Societies before and after the Constitution adoption.
- Introduction to the Indian constitution, The making of the Constitution, The Role of the Constituent Assembly Preamble and Salient features of the Constitution of India. Fundamental Rights and its Restriction and limitations in different Complex Situations.
- Directive Principles of State Policy (DPSP) & it's present relevance in our society with examples. Fundamental Duties and its Scope and significance in Nation building.

(Duration: 03 Hours & RBT Levels: L1, L2 & L3)

MODULE-II

Union Excutive and State Excutive

- Parliamentary System, Federal System, Centre-State Relations.
- Union Executive President, Prime Minister, Union Cabinet, Parliament LS and RS, Parliamentary Committees, Important Parliamentary Terminologies. Supreme Court of India, Judicial Reviews and Judicial Activism.
- State Executives Governor, Chief Minister, State Cabinet, State Legislature, High Court and Subordinate Courts, Special Provisions (Article 370.371,371J) for some States.

(Duration: 03 Hours & RBT Levels: L1, L2 & L3)

MODULE-III

Elections, Amendments and Emergency Provisions

- Elections, Electoral Process, and Election Commission of India, Election Laws.
- Amendments Methods in Constitutional Amendments (How and Why) and Important Constitutional Amendments. Amendments 7,9,10,12,42,44, 61, 73,74, ,75, 86, and 91,94,95,100,101,118 and some important Case Studies. Recent Amendments with explanation. Important Judgements with Explanation and its impact on society (from the list of Supreme Court Judgements).
- Emergency Provisions, types of Emergencies and it's consequences.

(Duration: 03 Hours & RBT Levels: L1, L2 & L3)

Module-IV

Constitutional Provisions/ Local Administration/ Human Rights

- Special Constitutional Provisions for SC & ST, OBC, Special Provision for Women, Children & Backward Classes.
- Local Administration: Powers and functions of Municipalities and Panchyats System. Co –
 Operative Societies and Constitutional and Non-constitutional Bodies.
- Human Rights/values Meaning and Definitions, Legislative Specific Themes in Human Rights and Functions/ Roles of National Human Rights Commission of India. Human Rights (Amendment Act)2006.

(Duration: 03 Hours & RBT Levels: L1, L2 & L3)

MODULE-V

Professional / Engineering Ethics

 Scope & Aims of Engineering & Professional Ethics - Business Ethics, Corporate Ethics, Personal Ethics. Engineering and Professionalism, Positive and Negative Faces of Engineering Ethics, Code of Ethics as defined in the website of Institution of Engineers (India): Profession, Professionalism, Professional Responsibility. Clash of Ethics, Conflicts of Interest.

Responsibilities in Engineering

- Responsibilities in Engineering and Engineering Standards, the impediments to Responsibility. Trust and Reliability in Engineering, IPRs (Intellectual Property Rights),
- Risks, Safety and liability in Engineering.

(Duration: 03 Hours & RBT Levels: L1, L2 & L3)

Course Outcomes: On completion of this course, students will be able to,

- CO1: Have general knowledge and legal literacy about Indian Constitution and there by it helps to take up competitive examinations & to manage/face complex societal issues in society.
- CO2: Understand state and central policies (Union and State Excutive), fundamental Rights & their duties.
- CO3: Understand Electoral Process, Amendments and special provisions in Constitution.
- CO4: Understand powers and functions of Municipalities, Panchayats and Co-operative Societies, with Human Rights and NHRC.
- CO5: Understand Engineering & Professional ethics and responsibilities of Engineers.

Question paper pattern for SEE and CIE.

- The SEE question paper will be set for 30 marks and the pattern of the question paper will be objective type (MCQ).
- For the award of **20 CIE marks**, refer the University Scheme and Syllabus book.

Text Books

- 1) **Durga Das Basu (DD Basu):** "Introduction to the Constitution on India", (Students Edition.) Prentice –Hall EEE, 19th / 20th Edn., (Latest Edition) or 2008.
- 2) **Shubham Singles, Charles E. Haries, and Et al**: "Constitution of India and Professional Ethics" by Cengage Learning India Private Limited, Latest Edition 2018.

Reference Books

- 1. **M.Govindarajan, S.Natarajan, V.S.Senthilkumar**, "Engineering Ethics", Prentice –Hall of India Pvt. Ltd. New Delhi, 2004
- 2. M.V.Pylee, "An Introduction to Constitution of India", Vikas Publishing, 2002.
- 3. Latest Publications of NHRC Indian Institute of Human Rights, New Delhi.

Web Links and Video Lectures

www.unacademy.com/lesson/future-perfect-tense/YQ9NSNQZ https://successesacademy

CONSTITUTION OF INDIA, PROFESSIONAL ETHICS & HUMAN RIGHTS

| Subject Code | 15CPH18/15CPH28 | IA Marks | 10 |
|-------------------------------|-----------------|------------|----|
| Number of Lecture Hours/Week | 02 | Exam Marks | 40 |
| Total Number of Lecture Hours | 25 | Exam Hours | 02 |

Course objectives:

- 1. To provide basic information about Indian constitution.
- 2. To identify individual role and ethical responsibility towards society.
- 3. To understand human rights and its implications

Module 1

Introduction to the Constitution of India, The Making of the Constitution and Salient features of the Constitution.

2 Hours

Preamble to the Indian Constitution Fundamental Rights & its limitations.

3 Hours

Module 2

Directive Principles of State Policy & Relevance of Directive Principles State Policy Fundamental Duties.

2 Hours

Union Executives – President, Prime Minister Parliament Supreme Court of India.

3 Hours

Module 3

State Executives – Governor Chief Minister, State Legislature High Court of State. 2 Hours

Electoral Process in India, Amendment Procedures, 42nd, 44th, 74th, 76th, 86th &91st

Amendments. 3 Hours

Module 4

Special Provision for SC & ST Special Provision for Women, Children & Backward Classes Emergency Provisions. Human Rights – Meaning and Definitions, Legislation Specific Themes in Human Rights- Working of National Human Rights Commission in India

3 Hours

Powers and functions of Municipalities, Panchyats and Co - Operative Societies.

2 Hours

Module 5

Scope & Aims of Engineering Ethics, Responsibility of Engineers Impediments to Responsibility.

2 Hours

Risks, Safety and liability of Engineers, Honesty, Integrity & Reliability in Engineering.

Course outcomes:

After study of the course, the students are able to

- Have general knowledge and legal literacy and thereby to take up competitive examinations
- Understand state and central policies, fundamental duties
- Understand Electoral Process, special provisions
- Understand powers and functions of Municipalities, Panchayats and Co-operative Societies, and
- Understand Engineering ethics and responsibilities of Engineers.
- Have an awareness about basic human rights in India

Text Books:

- Durga Das Basu: "Introduction to the Constitution on India", (Students Edn.) Prentice

 -Hall EEE, 19th / 20th Edn., 2001
- 2. Charles E. Haries, Michael S Pritchard and Michael J. Robins "Engineering Ethics" Thompson Asia, 2003-08-05.

Reference Books:

- 1. M.V.Pylee, "An Introduction to Constitution of India", Vikas Publishing, 2002.
- 2. M.Govindarajan, S.Natarajan, V.S.Senthilkumar, "Engineering Ethics", Prentice -Hall of India Pvt. Ltd. New Delhi, 2004
- 3. Brij Kishore Sharma, "Introduction to the Constitution of India", PHI Learning Pvt. Ltd., New Delhi, 2011.
- 4. Latest Publications of Indian Institute of Human Rights, New Delhi.

* * * * *

B. E. Common to all Programmes Outcome Based Education (OBE) and Choice Based Credit System (CBCS) SEMESTER - III

CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND CYBER LAW (CPC)

| Course Code | 18CPC39/49 | CIE Marks | 40 | | |
|-----------------------------|------------|------------|----|--|--|
| Teaching Hours/Week (L:T:P) | (1:0:0) | SEE Marks | 60 | | |
| Credits | 01 | Exam Hours | 02 | | |

Course Learning Objectives: To

- know the fundamental political codes, structure, procedures, powers, and duties of Indian government institutions, fundamental rights, directive principles, and the duties of citizens
- Understand engineering ethics and their responsibilities; identify their individual roles and ethical responsibilities towards society.
- Know about the cybercrimes and cyber laws for cyber safety measures.

Module-1

Introduction to Indian Constitution:

The Necessity of the Constitution, The Societies before and after the Constitution adoption. Introduction to the Indian constitution, The Making of the Constitution, The Role of the Constituent Assembly - Preamble and Salient features of the Constitution of India. Fundamental Rights and its Restriction and limitations in different Complex Situations. Directive Principles of State Policy (DPSP) and its present relevance in our society with examples. Fundamental Duties and its Scope and significance in Nation building.

Module-2

Union Executive and State Executive:

Parliamentary System, Federal System, Centre-State Relations. Union Executive - President, Prime Minister, Union Cabinet, Parliament - LS and RS, Parliamentary Committees, Important Parliamentary Terminologies. Supreme Court of India, Judicial Reviews and Judicial Activism. State Executives - Governor, Chief Minister, State Cabinet, State Legislature, High Court and Subordinate Courts, Special Provisions (Articles 370.371,371J) for some States.

Module-3

Elections, Amendments and Emergency Provisions:

Elections, Electoral Process, and Election Commission of India, Election Laws. Amendments - Methods in Constitutional Amendments (How and Why) and Important Constitutional Amendments. Amendments - 7,9,10,12,42,44, 61, 73,74, ,75, 86, and 91,94,95,100,101,118 and some important Case Studies. Emergency Provisions, types of Emergencies and its consequences.

Constitutional special provisions:

Special Provisions for SC and ST, OBC, Women, Children and Backward Classes.

Module-4

Professional / Engineering Ethics:

Scope & Aims of Engineering & Professional Ethics - Business Ethics, Corporate Ethics, Personal Ethics. Engineering and Professionalism, Positive and Negative Faces of Engineering Ethics, Code of Ethics as defined in the website of Institution of Engineers (India): Profession, Professionalism, and Professional Responsibility. Clash of Ethics, Conflicts of Interest. Responsibilities in Engineering Responsibilities in Engineering and Engineering Standards, the impediments to Responsibility. Trust and Reliability in Engineering, IPRs (Intellectual Property Rights), Risks, Safety and liability in Engineering

Module-5

Internet Laws, Cyber Crimes and Cyber Laws:

Internet and Need for Cyber Laws, Modes of Regulation of Internet, Types of cyber terror capability, Net neutrality, Types of Cyber Crimes, India and cyber law, Cyber Crimes and the information Technology Act 2000, Internet Censorship. Cybercrimes and enforcement agencies.

Course Outcomes: On completion of this course, students will be able to,

- CO 1: Have constitutional knowledge and legal literacy.
- CO 2: Understand Engineering and Professional ethics and responsibilities of Engineers.
- CO 3: Understand the the cybercrimes and cyber laws for cyber safety measures.

Question paper pattern for SEE and CIE:

The SEE question paper will be set for 100 marks and the marks scored by the students will
proportionately be reduced to 60. The pattern of the question paper will be objective type (MCQ).

For the award of 40 CIE marks, refer the University regulations 2018.

| SL No. | Title of the Book | Name of the Author/s | Name of the Publisher | Edition and Year |
|-----------|---|---|---------------------------|------------------|
| Textbo | ok/s | | a telephone | <u> </u> |
| 1 | Constitution of India, Professional Ethics and Human Rights | Shubham Singles, Charles E. Haries, and et al | Cengage Learning India | 2018 |
| 2 | Cyber Security and Cyber Laws | Alfred Basta and et al | Cengage Learning India | 2018 |
| Referen | ice Books | | | |
| 3 | Introduction to the Constitution of India | Durga Das Basu | Prentice -Hall, | 2008. |
| 4 | Engineering Ethics | M. Govindarajan, S. Natarajan, V. S. Senthilkumar | Prentice -Hall, | 2004 |

CONSTITUTION OF INDIA AND PROFESSIONAL ETHICS

 Sub Code
 : 10CIP18/10CIP28
 IA Marks
 : 25

 Hrs/ Week
 : 02
 Exam Hours
 : 02

 Total Hrs.
 : 26
 Exam Marks
 : 50

Preamble to the constitution of India. Fundamental rights under Part

 III – details of Exercise of rights, Limitations & Important cases.

4 Hours

- Relevance of Directive principles of State Policy under Part IV.
 Fundamental duties & their significance.
 3 Hours
- 3 Union Executive President, Prime Minister, Parliament & the Supreme Court of India. 3 Hours
- 4 State executive Governors, Chief Minister, State Legislator and High Courts.
 3 Hours
- 5 Constitutional Provisions for Scheduled Castes & Tribes, Women & Children & Backward classes. Emergency Provisions. 4 Hours
- 6 Electoral process, Amendment procedure, 42nd, 44th, 74th, 76th, 86th and 91st Constitutional amendments. 3 Hours
- Scope & aims of engineering Ethics. Responsibility of Engineers. Impediments to responsibility.
 3 Hours
- 8 Honesty, Integrity and reliability, risks, safety & liability in engineering.
 3 Hours

Text Books:

- Durga Das Basu: "Introduction to the Constitution of India" (Students Edn.) Prentice – Hall EEE, 19th/20th Edn., 2001.
- "Engineering Ethics" by Charles E. Haries, Michael. S. Pritchard and Michael J. Robins Thompson Asia, 2003-08-05.

Reference Books:

- "An Introduction to Constitution of India" by M.V.Pylee, Vikas Publishing, 2002.
- "Engineering Ethics" by M. Govindarajan, S.Natarajan, V.S. Senthilkumar., Prentice – Hall of India Pvt. Ltd. New Delhi, 2004.

Scheme of examination:

Question paper is of objective type. Students have to pass this subject compulsorily. However, marks will not be considered for awarding class/rank.

B. E. COMMON TO ALL PROGRAMMES Choice Based Credit System (CBCS) and Outcome Based Education (OBE) SEMESTER – V

ENVIRONMENTAL STUDIES

| · | | | | | | |
|-------------------------------|---------|------------|----|--|--|--|
| Course Code | 18CIV59 | CIE Marks | 40 | | | |
| Teaching Hours / Week (L:T:P) | (1:0:0) | SEE Marks | 60 | | | |
| Credits | 01 | Exam Hours | 02 | | | |

Module - 1

Ecosystems (Structure and Function): Forest, Desert, Wetlands, Riverine, Oceanic and Lake.

Biodiversity: Types, Value; Hot-spots; Threats and Conservation of biodiversity, Forest Wealth, and Deforestation

Module - 2

Advances in Energy Systems (Merits, Demerits, Global Status and Applications): Hydrogen, Solar, OTEC, Tidal and Wind

Natural Resource Management (Concept and case-studies): Disaster Management, Sustainable Mining, Cloud Seeding, and Carbon Trading.

Module - 3

Environmental Pollution (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies): Surface and Ground Water Pollution; Noise pollution; Soil Pollution and Air Pollution.

Waste Management & Public Health Aspects: Bio-medical Wastes; Solid waste; Hazardous wastes; E-wastes; Industrial and Municipal Sludge.

Module - 4

Global Environmental Concerns (Concept, policies and case-studies): Ground water depletion/recharging, Climate Change; Acid Rain; Ozone Depletion; Radon and Fluoride problem in drinking water; Resettlement and rehabilitation of people, Environmental Toxicology.

Module - 5

Latest Developments in Environmental Pollution Mitigation Tools (Concept and Applications): G.I.S. & Remote Sensing, Environment Impact Assessment, Environmental Management Systems, ISO14001; Environmental Stewardship-NGOs.

Field work: Visit to an Environmental Engineering Laboratory or Green Building or Water Treatment Plant or Waste water treatment Plant; ought to be Followed by understanding of process and its brief documentation.

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

- CO1: Understand the principles of ecology and environmental issues that apply to air, land, and water issues on a global scale,
- CO2: Develop critical thinking and/or observation skills, and apply them to the analysis of a problem
 or question related to the environment.
- CO3: Demonstrate ecology knowledge of a complex relationship between biotic and abiotic components.
- CO4: Apply their ecological knowledge to illustrate and graph a problem and describe the realities that
 managers face when dealing with complex issues.

Question paper pattern:

- The Question paper will have 100 objective questions.
- Each question will be for 01 marks
- Student will have to answer all the questions in an OMR. Sheet.
- The Duration of Exam will be 2 hours.

| 5 | il. No. | Title of the Book | Name of the Author/s | Name of the Publisher | Edition and Year |
|---|----------|-------------------|-------------------------|-----------------------|---------------------|
| 1 | [extbool | u's | | | |

| 1 | Environmental Studies | Benny Joseph | Tata Mc Graw - Hill. | 2 nd Edition, 2012 |
|---------|--|--|---|-------------------------------|
| 2. | Environmental Studies | S M Prakash | Pristine Publishing House, Mangalore | 3 ^{ro} Edition: 2018 |
| 3 | Environmental Studies – From Crisis to Cure | R. Rajagopalan | Oxford Publisher | 2005 |
| Referen | re Books | • | • | • |
| 1 | Principals of Environmental Science and Engineering | Raman Sivakumar | Cengage learning, Singapur. | 2 nd Edition, 2005 |
| 2 | Environmental Science – working with the Earth | G.Tyler Miller Jr. | Thomson Brooks /Cole, | 11th Edition, 2006 |
| 3 | Text Book of Environmental and Ecology | Pratiba Sing, Anoop Singh& Piyush Malaviya | Acme Learning Pvt. Ltd. New Delhi. | 1stEdition |

ENVIRONMENTAL STUDIES

[As per Choice Based Credit System (CBCS) scheme]

(Effective from the academic year 2017 -2018) SEMESTER - I/II

| Subject Code | 17CIV18/17CIV28 | IA Marks | 20 |
|-------------------------------|-----------------|------------|----|
| Number of Lecture Hours/Week | 02 | Exam Marks | 30 |
| Total Number of Lecture Hours | 25 | Exam Hours | 02 |

Course Objectives:

- 1. To identify the major challenges in environmental issues and evaluate possible solutions.
- 2. Develop analytical skills, critical thinking and demonstrate socio-economic skills for sustainable development.
- 3. To analyze an overall impact of specific issues and develop environmental management plan.

Module - 1

Introduction: Environment - Components of Environment Ecosystem: Types & Structure of Ecosystem, Balanced ecosystem Human Activities – Food, Shelter, And Economic & Social Security.

2 Hours

Impacts of Agriculture & Housing Impacts of Industry, Mining & Transportation
Environmental Impact Assessment, Sustainable Development.

3 Hours

Module - 2

Natural Resources, Water resources – Availability & Quality aspects, Water borne diseases & water induced diseases, Fluoride problem in drinking water Mineral resources, Forest Wealth Material Cycles – Carbon Cycle, Nitrogen Cycle & Sulphur Cycle. **2 Hours**Energy – Different types of energy, Conventional sources & Non Conventional sources of energy Solar energy, Hydro electric energy, Wind Energy, Nuclear energy, Biomass & Biogas Fossil Fuels, Hydrogen as an alternative energy. **3 Hours**

Module -3

Environmental Pollution – Water Pollution, Noise pollution, Land Pollution, Public Health Aspects.

Global Environmental Issues: Population Growth, Urbanization, Land Management, Water & Waste Water Management.

3 Hours

Module -4

Air Pollution & Automobile Pollution: Definition, Effects – Global Warming, Acid rain & Ozone layer depletion, controlling measures.

3 Hours

Solid Waste Management, E - Waste Management & Biomedical Waste Management - Sources, Characteristics & Disposal methods. 2 Hours

Module - 5

Introduction to GIS & Remote sensing, Applications of GIS & Remote Sensing in Environmental Engineering Practices. 2 Hours

Environmental Acts & Regulations, Role of government, Legal aspects, Role of Non-governmental Organizations (NGOs), Environmental Education & Women Education.

3 Hours

Course Outcome:

Students will be able to,

- 1. Understand the principles of ecology and environmental issues that apply to air, land, and water issues on a global scale,
- 2. Develop critical thinking and/or observation skills, and apply them to the analysis of a problem or question related to the environment,
- 3. Demonstrate ecology knowledge of a complex relationship between biotic and abiotic components
- 4. Apply their ecological knowledge to illustrate and graph a problem and describe the realities that managers face when dealing with complex issues

Text Books:

- 1. Benny Joseph (2005), "Environmental Studies", Tata McGraw Hill Publishing Company Limited.
- 2. R.J.Ranjit Daniels and Jagadish Krishnaswamy, (2009), "Environmental Studies", Wiley India Private Ltd., New Delhi.
- 3. R Rajagopalan, "Environmental Studies From Crisis to Cure", Oxford University Press, 2005,
- 4. Aloka Debi, "Environmental Science and Engineering", Universities Press (India) Pvt. Ltd. 2012.

Reference Books:

- Raman Sivakumar, "Principals of Environmental Science and Engineering",
 Second Edition, Cengage learning Singapore, 2005
- 2. P. Meenakshi, "Elements of Environmental Science and Engineering", Prentice Hall of India Private Limited, New Delhi, 2006
- 3. S.M. Prakash, "Environmental Studies", Elite Publishers Mangalore, 2007
- 4. Erach Bharucha, "**Text Book of Environmental Studies**", for UGC, University press, 2005
- 5. G.Tyler Miller Jr., "Environmental Science working with the Earth", Tenth Edition, Thomson Brooks /Cole, 2004
- 6. G.Tyler Miller Jr., "Environmental Science working with the Earth", Eleventh Edition, Thomson Brooks /Cole, 2006
- 7. Dr.Pratiba Sing, Dr.AnoopSingh and Dr.Piyush Malaviya, "**Text Book of Environmental and Ecology**", Acme Learning Pvt. Ltd. New Delhi.

ENVIRONMENTAL STUDIES

[As per Choice Based Credit System (CBCS) scheme]

(Effective from the academic year 2015 -2016) SEMESTER - I/II

| Subject Code | 15CIV18/15CIV28 | IA Marks | 10 |
|-------------------------------|-----------------|------------|----|
| Number of Lecture Hours/Week | 02 | Exam Marks | 40 |
| Total Number of Lecture Hours | 25 | Exam Hours | 02 |

Course Objectives:

- To identify the major challenges in environmental issues and evaluate possible solutions.
- Develop analytical skills, critical thinking and demonstrate socio-economic skills for sustainable development.
- To analyze an overall impact of specific issues and develop environmental management plan.

Module - 1

Introduction: Environment - Components of Environment Ecosystem: Types & Structure of Ecosystem, Balanced ecosystem Human Activities - Food, Shelter, And Economic & Social Security.

2 Hours

Impacts of Agriculture & Housing Impacts of Industry, Mining & Transportation

Environmental Impact Assessment, Sustainable Development.

3 Hours

Module - 2

Natural Resources, Water resources - Availability & Quality aspects, Water borne diseases & water induced diseases, Fluoride problem in drinking water Mineral resources, Forest Wealth Material Cycles - Carbon Cycle, Nitrogen Cycle & Sulphur Cycle. 2 Hours Energy - Different types of energy, Conventional sources & Non Conventional sources of energy Solar energy, Hydro electric energy, Wind Energy, Nuclear energy, Biomass & Biogas Fossil Fuels, Hydrogen as an alternative energy.

3 Hours

Module -3

Environmental Pollution - Water Pollution, Noise pollution, Land Pollution, Public Health Aspects.

2 Hours

Global Environmental Issues: Population Growth, Urbanization, Land Management, Water & Waste Water Management.

3 Hours

Module -4

Air Pollution & Automobile Pollution: Definition, Effects - Global Warming, Acid rain & Ozone layer depletion, controlling measures.

3 Hours

Solid Waste Management, E - Waste Management & Biomedical Waste Management - Sources, Characteristics & Disposal methods.

Module - 5

Introduction to GIS & Remote sensing, Applications of GIS & Remote Sensing in Environmental Engineering Practices.

Environmental Acts & Regulations, Role of government, Legal aspects, Role of Nongovernmental Organizations (NGOs), Environmental Education & Women Education.

3 Hours

Course Outcome:

Students will be able to,

- Understand the principles of ecology and environmental issues that apply to air, land, and water issues on a global scale,
- Develop critical thinking and/or observation skills, and apply them to the analysis of a problem or question related to the environment,
- Demonstrate ecology knowledge of a complex relationship between biotic and abiotic components
- Apply their ecological knowledge to illustrate and graph a problem and describe the realities that managers face when dealing with complex issues

Text Books:

- Benny Joseph (2005), "Environmental Studies", Tata McGraw Hill Publishing Company Limited.
- R.J.Ranjit Daniels and Jagadish Krishnaswamy, (2009), "Environmental Studies",
 Wiley India Private Ltd., New Delhi.
- R Rajagopalan, "Environmental Studies From Crisis to Cure", Oxford University Press, 2005,
- Aloka Debi, "Environmental Science and Engineering", Universities Press (India)
 Pvt. Ltd. 2012.

Reference Books:

- Raman Sivakumar, "Principals of Environmental Science and Engineering",
 Second Edition, Cengage learning Singapore, 2005
- F. Meenakshi, "Elements of Environmental Science and Engineering", Prentice
 Hall of India Private Limited, New Delhi, 2006
- S.M. Prakash, "Environmental Studies", Elite Publishers Mangalore, 2007
- Erach Bharucha, "Text Book of Environmental Studies", for UGC, University press, 2005
- G.Tyler Miller Jr., "Environmental Science working with the Earth", Tenth Edition, Thomson Brooks /Cole, 2004
- G.Tyler Miller Jr., "Environmental Science working with the Earth", Eleventh Edition, Thomson Brooks /Cole, 2006
- Dr.Pratiba Sing, Dr.AnoopSingh and Dr.Piyush Malaviya, "Text Book of Environmental and Ecology", Acme Learning Pvt. Ltd. New Delhi.

ENVIRONMENTAL STUDIES

| Sub Code | : | 10CIV18/10CIV28 | IA Marks | : | 25 |
|------------|---|-----------------|------------|---|----|
| Hrs/ Week | : | 02 | Exam Hours | : | 02 |
| Total Hrs. | | 26 | Exam Marks | : | 50 |

PART - A

UNIT-1

Environment - Definition, Eco system - Balanced ecosystem, Human activities - Food, Shelter, Economic and Social Security

3 Hours

UNIT-2

Effects of human activities on environment - Agriculture, Housing, Industry, Mining, and Transportation activities, Environmental Impact Assessment. Sustainable Development.

3 Hours

UNIT-3

Natural Resources - Water resources - Availability and Quality aspects. Water borne diseases, Water induced diseases, Fluoride problem in drinking water. Mineral Resources, Forest Wealth, Material Cycles - Carbon, Nitrogen and Sulphur Cycles.

4 Hours

UNIT-4

Energy - Different types of energy, Electro-magnetic radiation. Conventional and Non - Conventional sources - Hydro Electric, Fossil fuel based, Nuclear, Solar, Biomass and Bio-gas. Hydrogen as an alternative future source of Energy.

4 Hours

PART - B

UNIT-5

Environmental Pollution and their effects. Water pollution. Land pollution. Noise pollution. Public Health aspects.

3 Hours

UNIT-6

Current Environmental issues of importance:

Population Growth, Climate change and Global warming - Effects, Urbanization, Automobile pollution

3 Hours

UNIT-7

Acid Rain, Ozone layer depletion, Animal Husbandry

3 Hours

UNIT-8

Environmental Protection - Role of Government, Legal aspects, Initiatives by Non - Governmental Organizations (NGO), Environmental Education, Women Education.

3 Hours

Question paper is of objective type for 50 marks (Fifty questions have to be set with 4 multiple choice answers). Students have to pass the subject compulsorily. However, marks will not be considered for awarding class/rank.

Text Books:

- Benny Joseph (2005), "Environmental Studies", Tata McGraw Hill Publishing Company Limited
- Ranjit Daniels R.J. and Jagdish Kirshnaswamy, (2009), "Environmental Studies", Wiley India Private Ltd., New Delhi
- Rajagopalan R. (2005), "Environmental Studies From Crisis to Cure", Oxford Univesity Press

Reference Books:

- Raman Sivakumar, (2005), "Principles of Environmental Science and Engineering", Second Edition, Cengage learning, Singapore
- Meenakshi P. (2006), "Elements of Environmental Science and Engineering", Prentice Hall of India Private Limited, New Delhi
- Prakash S.M. (2007), "Environmental Studies", Elite Publishers, Mangalore
- Erach Bharucha (2005), "Text Book of Environmental Studies", for UGC, University Press
- Tyler Miller Jr. G. (2004), "Environmental Science Working with the Earth", Tenth Edition, Thomson Brooks/Cole
- Tyler Miller Jr. G. (2006), "Environmental Science Working with the Earth", Eleventh Edition, Thomson Brooks/Cole
- "Text Book of Environmental and Ecology" by Dr. Pratibha Sing, Dr. Anoop Singh and Dr. Piyush Malaviya. Acme Learning Pvt. Ltd., New Delhi.

| Course Code 18CS51 CIE Marks 40 | MANAGEMENT AND E | | | Y | | | | |
|--|---|------------------------|--|-------------|--|--|--|--|
| Course Code 18CS51 CIE Marks 40 | (Effective from the academic year 2018 -2019) | | | | | | | |
| Number of Contact Hours/Week 2:2:0 SEE Marks 60 Total Number of Contact Hours 40 Exam Hours 03 CREDITS - 03 Course Learning Objectives: This course (18CS51) will enable students to: Explain the principles of management, organization and entrepreneur. Discuss on planning, staffing, ERP and their importance Infer the importance of intellectual property rights and relate the institutional support Module - 1 Module - 1 Contact Hours Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management theories. Planning - Nature, importance, types of plans, steps in planning, Organizing - nature and purpose, types of Organization, Staffing - meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling - meaning and importance, Coordination - meaning and importance, Controlling - meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, controlling Meaning and Importance - ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and davantages of micro and small enterprises, case study (Captain G R Gopinath), case study (N R N arayana Murthy & | | | | | | | | |
| Total Number of Contact Hours CREDITS = 03 Exam Hours Discuss on planning, staffing, ERP and their importance Infer the importance of intellectual property rights and relate the institutional support Module = 1 Contact Hours Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories. Planning - Nature, importance, types of plans, steps in planning, Organizang: nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module = 2 Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module = 3 Entrepreneur = meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module = 4 Preparation of project and ERP = meaning of project, project identification, project planning: Meaning and importance = ERP and Functional areas of Management = Marketing / Sales = Sulpyl Chain Management = Finance and Accounting = Human Resources = Types of reports and methods of report generation RBT: L1, L2 Module = 5 Micro and Small Enterprises: Definition of micro and small enterprises, case study (Micro | | | | | | | | |
| CREDITS - 03 Course Learning Objectives: This course (18CS51) will enable students to: Explain the principles of management, organization and entrepreneur. Discuss on planning, staffing, ERP and their importance Infer the importance of intellectual property rights and relate the institutional support Module - 1 Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories. Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance - ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and dvantages of m | | | | | | | | |
| Course Learning Objectives: This course (18CS51) will enable students to: • Explain the principles of management, organization and entrepreneur. • Discuss on planning, staffing, ERP and their importance • Infer the importance of intellectual property rights and relate the institutional support Module -1 Contact Hours Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories, Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module -2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module -3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module -4 Module -5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics of and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (N R Narayana Murthy & Micro soft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Study (Captai | Total Number of Contact Hours | • • | Exam Hours | 03 | | | | |
| Explain the principles of management, organization and entrepreneur. Discuss on planning, staffing, ERP and their importance Infer the importance of intellectual property rights and relate the institutional support Module -1 Module -1 Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management theories, Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module -2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module -3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance—ERP and Functional areas of Management – Marketing / Sales- Supply Chain Management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module -5 Micro and Small Enterprises: Definition of micro and small enterprises, case study (Net Narayana Murthy & enterprises, case study (Net Narayana Murthy & enterprises, case study (Net Narayana Murthy & enterprises). | | | | | | | | |
| • Discuss on planning, staffing, ERP and their importance • Infer the importance of intellectual property rights and relate the institutional support Module - 1 Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories. Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurs in in economic development, entrepreneurship in India and barriers to entrepreneurs in India and barriers to entrepreneurs formal feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, sees study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | V 2 | | | | | | |
| • Infer the importance of intellectual property rights and relate the institutional support Module - 1 Contact Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories. Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation of management - Finance and Accounting - Human Resource - Planning: Meaning and Importance - ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of mi | | · · | entrepreneur. | | | | | |
| Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories,. Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Continuing- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, contents, formulation of management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, case study (Micros | E 65 | | | | | | | |
| Introduction - Meaning, nature and characteristics of management, scope and Functional areas of management, goals of management, levels of management, brief overview of evolution of management theories. Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, sees study (NR Narayana Murthy & Management of India indusial policy 2007 on micro and small enterprises, case study (NR Narayana Murthy & Management of India indusial policy 2007 on micro and small enterprises, | | property rights and re | late the institutional sup | | | | | |
| areas of management, goals of management, levels of management, brief overview of evolution of management theories. Planning- Nature, importance, types of plans, steps in planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module – 2 Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module – 3 Entrepreneur – meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module – 4 Preparation of project and ERP – meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance - ERP and Functional areas of Management – Marketing / Sales- Supply Chain Management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module – 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (OR Narayana Murthy & | | | | Hours | | | | |
| evolution of management theories. Planning- Nature, importance, types of plans, steps in planning. Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance - ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Nicrosoft), Case study (Captain G R Gopinath), Case study (N R Narayana Murthy & | | | | | | | | |
| planning, Organizing- nature and purpose, types of Organization, Staffing- meaning, process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Communication- Meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study(Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| process of recruitment and selection RBT: L1, L2 Module - 2 Directing and controlling- meaning and importance, Coordination- meaning and importance, Controlling- meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study(Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| Module - 2 Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study(Captain G R Gopinath), case study (N R Narayana Murthy & | | se, types of Organi | zation, Staffing- mear | ung. | | | | |
| Directing and controlling- meaning and nature of directing, leadership styles, motivation Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | RBT: L1, L2 | | | | | | | |
| Theories, Communication- Meaning and importance, Coordination- meaning and importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneural process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | _ | | | | |
| importance, Controlling- meaning, steps in controlling, methods of establishing control. RBT: L1, L2 Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | on 08 | | | | |
| Module - 3 Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| Entrepreneur - meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance - ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Enterprises). | | controlling, methods | of establishing control. | | | | | |
| Entrepreneur – meaning of entrepreneur, characteristics of entrepreneurs, classification and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module – 4 Preparation of project and ERP – meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance - ERP and Functional areas of Management – Marketing / Sales- Supply Chain Management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module – 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoff), Case study(Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| and types of entrepreneurs, various stages in entrepreneurial process, role of entrepreneurs in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | 1 | | | | | | |
| in economic development, entrepreneurship in India and barriers to entrepreneurship. Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study(Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| Identification of business opportunities, market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance - ERP and Functional areas of Management - Marketing / Sales - Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath), case study (N R Narayana Murthy & Captain G R Gopinath) | | | | | | | | |
| financial feasibility study and social feasibility study. RBT: L1, L2 Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study(Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| Module - 4 Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | , - | | | | |
| Preparation of project and ERP - meaning of project, project identification, project selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management - Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | RBT: L1, L2 | | | | | | | |
| selection, project report, need and significance of project report, contents, formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management – Marketing / Sales- Supply Chain Management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module – 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| formulation, guidelines by planning commission for project report, Enterprise Resource Planning: Meaning and Importance- ERP and Functional areas of Management – Marketing / Sales- Supply Chain Management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module – 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | oject 08 | | | | |
| Planning: Meaning and Importance- ERP and Functional areas of Management – Marketing / Sales- Supply Chain Management – Finance and Accounting – Human Resources – Types of reports and methods of report generation RBT: L1, L2 Module – 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| Marketing / Sales- Supply Chain Management - Finance and Accounting - Human Resources - Types of reports and methods of report generation RBT: L1, L2 Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | | | | | | | |
| Module - 5 Micro and Small Enterprises: Definition of micro and small enterprises, characteristics of and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | Marketing / Sales- Supply Chain Manag | gement – Finance ar | l areas of Managemer nd Accounting – Hu | nt – man | | | | |
| Micro and Small Enterprises: Definition of micro and small enterprises, characteristics and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | | of report generation | | | | | | |
| and advantages of micro and small enterprises, steps in establishing micro and small enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | Module - 5 | | | • | | | | |
| enterprises, Government of India indusial policy 2007 on micro and small enterprises, case study (Microsoft), Case study (Captain G R Gopinath), case study (N R Narayana Murthy & | Micro and Small Enterprises: Definition | n of micro and small | enterprises, characteri | stics 08 | | | | |
| study (Microsoft), Case study(Captain G R Gopinath),case study (N R Narayana Murthy & | | | | | | | | |
| | | | | | | | | |
| | Infosys), Institutional support: MSME- | DI, NSIC, SIDBI, KÍ | ADB, KSSÍDC, TECS | | | | | |
| KSFC, DIC and District level single window agency, Introduction to IPR. RBT: L1, L2 | | w agency, Introducti | on to IPR. | | | | | |

Course outcomes: The students should be able to:

- Define management, organization, entrepreneur, planning, staffing, ERP and outline their importance in entrepreneurship
- Utilize the resources available effectively through ERP
- Make use of IPRs and institutional support in entrepreneurship

Question Paper Pattern:

- The question paper will have ten questions.
- Each full Question consisting of 20 marks
- There will be 2 full questions (with a maximum of four sub questions) from each module.
- Each full question will have sub questions covering all the topics under a module.
- The students will have to answer 5 full questions, selecting one full question from each module.

Textbooks:

- Principles of Management -P. C. Tripathi, P. N. Reddy, Tata McGraw Hill, 4th / 6th Edition, 2010.
- Dynamics of Entrepreneurial Development & Management -Vasant Desai Himalaya Publishing House
- Entrepreneurship Development -Small Business Enterprises -Poornima M Charantimath Pearson Education – 2006.
- Management and Entrepreneurship Kanishka Bedi- Oxford University Press-2017

Reference Books:

- Management Fundamentals Concepts, Application, Skill Development Robert Lusier Thomson
- Entrepreneurship Development -S S Khanka -S Chand & Co.
- Management Stephen Robbins Pearson Education / PHI 17th Edition, 2003

| MANAGEMENT AND EN | erne norskietio | CHIED EVAD EF TAINEN | erns: | |
|---|--|--|---------------|--|
| | | | STRY | |
| [As per Choice Based Credit System (CBCS) scheme] | | | | |
| (Effective from the academic year 2017 - 2018) SEMESTER - V | | | | |
| Subject Code | 17CS51 | IA Marks | 40 | |
| Number of Lecture Hours/Week | 4 | Exam Marks | 60 | |
| Total Number of Lecture Hours | 50 | Exam Hours | 03 | |
| CREDITS - 04 | | | | |
| Module – 1 | | | Teaching | |
| | | | Hours | |
| Introduction - Meaning, nature and | | the state of the s | | |
| functional areas of management, goa | The state of the s | E CONTRACTOR OF THE CONTRACTOR | | |
| brief overview of evolution of management. Planning- Nature, importance, types | | | | |
| of plans, steps in planning, Org | anizing- nature | and purpose, types | of | |
| organization. | | | | |
| Module – 2 | | | | |
| Staffing- meaning, process of re | | | | |
| controlling- meaning and nature of | | | | |
| theories. Controlling- meaning, steps in controlling, methods of establishing | | | | |
| control, Communication- Meaning an | d importance, Co | oordination- meaning | and | |
| importance | | | | |
| Module – 3 | | | of 10 Hour | |
| Entrepreneur – meaning of entrepreneur, types of entrepreneurship, stages of pentrepreneurial process, role of entrepreneurs in economic development. | | | | |
| | | | | |
| entrepreneurship in India, barriers to entrepreneurship. Identification of business opportunities- market feasibility study, technical feasibility study, financial | | | | |
| opportunities- market feasibility study, technical feasibility study, financial feasibility study and social feasibility study. | | | | |
| Module – 4 | sumy. | | | |
| Preparation of project and ERP - meaning of project, project identification, 10 Hour | | | | |
| project selection, project report, no | | | | |
| formulation, guidelines by planning commission for project report. Enterprise | | | | |
| Resource Planning: Meaning and Importance- ERP and Functional areas of | | | | |
| Management - Marketing / Sales- Supply Chain Management - Finance and | | | | |
| Accounting - Human Resources - Types of reports and methods of report | | | | |
| generation | | • | | |
| Module – 5 | | | <u> </u> | |
| Micro and Small Enterprises: De | | | | |
| characteristics and advantages of micro | | | | |
| micro and small enterprises, Governme | | | | |
| small enterprises, case study (Microso study (N R Narayana Murthy & Infosys | | | | |
| SIDBI, KIADB, KSSIDC, TECSOK, I | | | | |
| agency. Introduction to IPR. | COPC, DIC and D | Buict level angle was | low | |
| Course outcomes: The students should be able to: | | | | |
| Define management, organizat | | alanning staffing FR | P and outline | |
| their importance in entreprene | - | planning, searning, cas | T and Online | |
| Utilize the resources available effectively through ERP | | | | |
| Make use of IPRs and institution | | | | |
| Question paper pattern: | and support at the | иерисиенныць | | |

Question paper pattern:

The question paper will have TEN questions.

There will be TWO questions from each module.

Each question will have questions covering all the topics under a module.

The students will have to answer FIVE full questions, selecting ONE full question from each module.

Text Books:

- Principles of Management -P. C. Tripathi, P. N. Reddy, Tata McGraw Hill, 4th / 6th Edition, 2010.
- Dynamics of Entrepreneurial Development & Management -Vasant Desai Himalaya Publishing House.
- Entrepreneurship Development -Small Business Enterprises -Poornima M Charantimath Pearson Education – 2006.
- Management and Enterpreneurship- Kanishka Bedi- Oxford University Press-2017

Reference Books:

- Management Fundamentals Concepts, Application, Skill Development Robert Lusier

 Thomson.
- Entrepreneurship Development -S S Khanka -S Chand & Co.
- 3. Management -Stephen Robbins -Pearson Education /PHI -17th Edition, 2003

| MANAGEMENT AND EN | PEDEDDENGIIDS | THE BOD IT INDUS | FDV | | |
|--|--|--|----------------------------|--|--|
| | | | IKI | | |
| [As per Choice Based Credit System (CBCS) scheme] (Effective from the academic year 2016 -2017) | | | | | |
| SEMESTER – V | | | | | |
| Subject Code | 15CS51 | IA Marks | 20 | | |
| Number of Lecture Hours/Week | 4 | Exam Marks | 80 | | |
| Total Number of Lecture Hours | 50 | | 03 | | |
| | CREDITS - 04 | | | | |
| Course objectives: This course will e | nable students to | | | | |
| Explain the principles of management, organization and entrepreneur. | | | | | |
| | | | | | |
| Infer the importance of inteller | | | ional support | | |
| Module – 1 | time property right | S HIRD PERME GIVE HEATHER | Teaching | | |
| in the second se | | | Hours | | |
| Introduction - Meaning, nature and | characteristics of | management, scope a | | | |
| functional areas of management, gos | | to the second se | | | |
| brief overview of evolution of manage | the state of the s | the state of the s | • | | |
| of plans, steps in planning, Org | | | | | |
| organization. | | | | | |
| Module – 2 | | | | | |
| Staffing- meaning, process of re | confirment and so | election Directing a | nd 10 Hours | | |
| controlling- meaning and nature o | | | | | |
| theories. Controlling- meaning, step | | | | | |
| control, Communication- Meaning ar | nd importance, Co | ordination- meaning a | nd | | |
| importance | • | | | | |
| Module – 3 | | | • | | |
| Entrepreneur - meaning of entrepreneur, types of entrepreneurship, stages of 10 Hour | | | | | |
| entrepreneurial process, role of entrepreneurs in economic development, | | | | | |
| entrepreneurship in India, barriers to entrepreneurship. Identification of business | | | | | |
| opportunities- market feasibility study, technical feasibility study, financial | | | | | |
| feasibility study and social feasibility | study. | | | | |
| Module – 4 | | | | | |
| Preparation of project and ERP | 100 | | | | |
| project selection, project report, no | | | | | |
| formulation, guidelines by planning | | | | | |
| Resource Planning: Meaning and I Management – Marketing / Sales- | • | | | | |
| Accounting – Human Resources – | | No. | | | |
| generation runnan resources - | Types of Teports | and memous of repo | и | | |
| Module – 5 | | | | | |
| | | | | | |
| | afinition of micro | and good!t | ur 10 House | | |
| Micro and Small Enterprises: D | | | | | |
| | o and small enterpr | ises, steps in establishi | ng | | |
| Micro and Small Enterprises: De characteristics and advantages of micro | o and small enterpo nt of India indusial | ises, steps in establishi policy 2007 on micro a | ng nd | | |
| Micro and Small Enterprises: De characteristics and advantages of micro micro and small enterprises, Governme small enterprises, case study (Microso study (N R Narayana Murthy & Infosy | o and small enterpo ent of India indusial oft), Case study(Ca s), Institutional su | ises, steps in establishi policy 2007 on micro a ptain G R Gopinath),ca pport: MSME-DI, NSI | ng nd se C, | | |
| Micro and Small Enterprises: De characteristics and advantages of micro micro and small enterprises, Governme small enterprises, case study (Microso study (N R Narayana Murthy & Infosy SIDBI, KIADB, KSSIDC, TECSOK, 1 | o and small enterpo ent of India indusial oft), Case study(Ca s), Institutional su | ises, steps in establishi policy 2007 on micro a ptain G R Gopinath),ca pport: MSME-DI, NSI | ng nd se C, | | |
| Micro and Small Enterprises: Do characteristics and advantages of micro micro and small enterprises, Governme small enterprises, case study (Microso study (N R Narayana Murthy & Infosy SIDBI, KIADB, KSSIDC, TECSOK, I agency, Introduction to IPR. | o and small enterpo ent of India indusial oft), Case study(Ca s), Institutional su KSFC, DIC and Di | ises, steps in establishi policy 2007 on micro a ptain G R Gopinath),ca pport: MSME-DI, NSI | ng nd se C, | | |
| Micro and Small Enterprises: De characteristics and advantages of micro micro and small enterprises, Governme small enterprises, case study (Microso study (N R Narayana Murthy & Infosy SIDBI, KIADB, KSSIDC, TECSOK, 1 | o and small enterpo ent of India indusial oft), Case study(Ca s), Institutional su KSFC, DIC and Di Id be able to: | ises, steps in establishi policy 2007 on micro a ptain G R Gopinath),ca pport: MSME-DI, NSI strict level single winde | ng nd se C, ow | | |

their importance in entrepreneurship

- Utilize the resources available effectively through ERP
- Make us of IPRs and institutional support in entrepreneurship

Question paper pattern:

The question paper will have TEN questions.

There will be TWO questions from each module.

Each question will have questions covering all the topics under a module.

The students will have to answer FIVE full questions, selecting ONE full question from each module.

Text Books:

- Principles of Management -P. C. Tripathi, P. N. Reddy, Tata McGraw Hill, 4th / 6th Edition, 2010.
- Dynamics of Entrepreneurial Development & Management -Vasant Desai Himalaya Publishing House.
- Entrepreneurship Development -Small Business Enterprises -Poornima M Charantimath Pearson Education – 2006.
- Management and Enterpreneurship- Kanishka Bedi- Oxford University Press-2017

Reference Books:

- Management Fundamentals -Concepts, Application, Skill Development Robert Lusier

 Thomson.
- Entrepreneurship Development -S S Khanka -S Chand & Co.
- 3. Management -Stephen Robbins -Pearson Education /PHI -17th Edition, 2003

MANAGEMENT AND ENTREPRENEURSHIP

 Sub Code
 : 10AL 51
 IA Marks
 : 25

 Hrs/week
 : 04
 Exam Hours
 : 03

 Total Lecture Hrs
 : 52
 Exam Marks
 : 100

PART - A

MANAGEMENT

UNIT - 1

MANAGEMENT: Introduction - Meaning - nature and characteristics of Management, Scope and Functional areas of management - Management as a science, art of profession - Management & Administration - Roles of Management, Levels of Management, Development of Management Thought - early management approaches - Modem management approaches.

7 Hours

UNIT - 2

PLANNING: Nature, importance and purpose of planning process - Objectives - Types of plans (Meaning Only) - Decision making Importance of planning - steps in planning & planning premises - Hierarchy of plans.

6 Hours

UNIT - 3

ORGANIZING AND STAFFING: Nature and purpose of organization - Principles of organization - Types of organization - Departmentation - Committees- Centralization Vs Decentralization of authority and responsibility - Span of control - MBO and MBE (Meaning Only) Nature and importance of staffing—:Process of Selection & Recruitment (in brief).

6 Hours

UNIT - 4

DIRECTING & CONTROLLING: Meaning and nature of directing - Leadership styles, Motivation Theories, Communication - Meaning and importance - coordination, meaning and importance and Techniques of Co - Ordination. Meaning and steps in controlling - Essentials of a sound control system - Methods of establishing control (in brief):

7 Hours

PART-B

ENTREPRENEURSHIP

UNIT - 5

ENTREPRENEUR: Meaning of Entrepreneur; Evolution of .the Concept; Functions of an Entrepreneur, Types of Entrepreneur, Entrepreneur - an emerging. Class. Concept of Entrepreneurship - Evolution of Entrepreneurship, Development of Entrepreneurship; Stages in entrepreneurial process; Role of entrepreneurs in Economic Development; Entrepreneurship in India; Entrepreneurship - its Barriers.

6 Hours

UNIT - 6

SMALL SCALE INDUSTRIES: Definition; Characteristics; Need and rationale; Objectives; Scope; role of SSI in Economic Development. Advantages of SSI Steps to start and SSI - Government policy towards SSI; Different Policies of SSI; Government Support for SSI during 5 year plans. Impact of Liberalization, Privatization, Globalization on SSI Effect of WTO/GA TT Supporting Agencies of Government for SSI, Meaning, Nature of support; Objectives; Functions; Types of Help; Ancillary Industry and Tiny Industry (Definition Only)

7 Hours

UNIT - 7

INSTITUTIONAL SUPPORT: Different Schemes; TECKSOK; KIADB; KSSIDC; KSIMC; DIC Single Window Agency; SISI; NSIC; SIDBI; KSFC.

7 Hours

UNIT-8

PREPARATION OF PROJECT: Meaning of Project; Project Identification; Project Selection; Project Report; Need and Significance of Report; Contents; Formulation; Guidelines by Planning Commission for Project report; Network Analysis; Errors of Project Report; Project Appraisal. Identification of business opportunities: Market Feasibility Study; Technical Feasibility Study; Financial Feasibility Study & Social Feasibility Study.

7 Hours

TEXT BOOKS:

- Principles of Management P. C.Tripathi, P.N. Reddy Tata McGraw Hill,
- 2. Dynamics of Entrepreneurial Development & Management Vasant Desai Himalaya Publishing House
- 3. Entrepreneurship Development Poornima. M. Charantimath Small Business Enterprises Pearson Education 2006 (2 & 4).

REFERENCE BOOKS:

- 1. Management Fundamentals Concepts, Application, Skill Development Robers Lusier Thomson
- Entrepreneurship Development S.S.Kharka S.Chand & Co.
- Management Stephen Robbins Pearson Education/PHI 17th Edition, 2003.

WORKPLACE ETHICS AND VALUE SYSTEMS

Subject Code: 16MBA HR402
No. of Lecture Hours / Week: 03

Total Number of Lecture Hours: 56

IA Marks: 20
Exam Hours: 03

Exam Marks: 80

Practical Component : 02 Hours / Week

Course Objectives:

- To understand the ethical practices at workplace.
- To address the ethical issues which arise in the work environment.
- To acquaint students with various ethical problems at work place.

Course Outcomes:

The students will be able to

- Learn the principles and practices of workplace ethics.
- Understand the concepts of corporate governance and ethics.
- Gain insights of Discrimination and Harassment at Workplace

Unit 1: (8 Hours)

Workplace Ethics: Introduction, Needs, Principles, Development of Personal Ethics, Workplace Ethics for Employees-Ethical behavior in workplace- Professionalism, Ethical violations by employees, Employee Attitude and Ethics, Employee Etiquettes. Benefits of ethics in Workplaceemployee commitment, investor loyalty, customer satisfaction, profits

Unit 2; (8 Hours)

Professionalism at Workplace: Unethical Conduct for employees and employers. Factors leading to Unethical Behaviors. Different unethical behaviors. Measures to control unethical behaviors. Rewarding ethical behavior

Unit 3: (10 Hours)

Business Ethics and Corporate Governance: Overview of Business Ethics, Corporate Governance, Ethical issues in human resource management- The principal of ethical hiring, Firing, worker safety, whistle blowing, Equality of opportunity, Discrimination, Ethics and remuneration, Ethics in retrenchment. Ethical Dilemmas at workplace, Ethical issues in global business, corporate responsibility of employers.

Unit 4: (10 Hours)

Workplace Privacy & Ethics: Watching what you say and what you do in the workplace, Hardware, Software and Spyware, Plagiarism and Computer Crimes, Convenience and Death of Privacy, Defence of employee privacy rights.

Unit 5; (12 Hours)

Teamwork in the Workplace, Ethics, Discrimination and Harassment at Workplace & Ethics: Teams, Elements of team, Stages of team development, team meetings, team rules, and teams work and professional responsibility, rules of professional responsibility, ASME code of ethics. Discrimination, sexual harassment, creating awareness about workplace harassment, Vishaka Dutta vs. State of Rajasthan—Supreme Court directions, Compulsory workplace guidelines.

Unit 6: (8 Hours)

Managing Change in Workplace through Ethics: Introduction to Change Management, Models of change, the Ethics of Managing Change, the role of ethics and responsibilities in leading innovation and change, ethics based model for change management, ethics and risks of change management

Practical Components:

- To solve case studies on Workplace Ethics
- To visit organizations and find out the problems and causes for unethical behavior at workplace.
- To visit organizations and find out the measures adopted to control unethical behavior of employees.
- To compare and contrast the various ethical codes of conduct practiced in organizations.
- To study the recent cases on breach of workplace privacy.

RECOMMENDED TEXT BOOKS:

- Ethical Theory and Business, Tom L. Beauchamp, Norman E. Bowie and Denis Arnold, 86
 Edition.
- Business Ethics Ethical Decision making and cases O.C. Ferrell, John Fraedrich, and Linda Ferrell, 96 Edition, Cengage Learning.
- How technology is compromising Workplace Privacy, Fredrick S Lane 111, AMACOM Div American Mgmt Assn, 2003
- Ethics in the Workplace, Dean Bredeson, Keith Goree, Cengage Learning, 2011.

REFERENCE BOOKS:

- Ethics in 21st Century, Mary Alice Trent, Oral Roberts University, longman.
- Ethics in workplace, Elizabeth P Tierney, Oak tree press
- Ethics in Workplace: System Perspective, William F Roth, Pearson, 2014.
- Ethics in the Workplace: Tools and Tactics for Organizational Transformation Craig E.
- Johnson SAGE Publications, 2007
- Business Ethics: Fairness and justice in the workplace Volume 2 of Business
- Ethics, Fritz Allhoff, ISBN 1412902541, 9781412902540 SAGE Publications, 2005

WORKPLACE ETHICS AND VALUE SYSTEMS

Subject Code : 14MBA HR408 IA Marks : 50 Exam Hours : 03 No. of Lecture Hours / Week : 04 Total Number of Lecture Hours : 56 Exam Marks : 100

: 01 Hour / Week Practical Component

Objectives:

- To make students understand the meaning of good ethics, doing things right and the obstacles to making good ethical decisions
- · To enable students to identify and critically assess the principles and values they personally embrace and use in addressing the ethical issues which arise in their working lives.
- To acquaint students with some of the major kinds of ethical problems encountered while performing work assignments and some possible ways of responding to them.

Module 1:

Workplace Ethics: Introduction, Needs, Principals, Development of Personal Ethics, Workplace Ethics for Employees-Ethical behaviour in workplace- Professionalism, Ethical violations by employees, Employee Attitude and Ethics, Employee Etiquettes. Benefits of ethics in Workplace- employee commitment, investor loyalty, customer satisfaction, profits

(8 Hours) Module 2:

Professionalism at Workplace: Unethical Conduct for employees and employers. Factors leading to Unethical Behaviours. Different unethical behaviours. Measures to control unethical behaviours. Rewarding ethical behaviour

(10 Hours) Module 324

Business Ethics and Corporate Governance: Overview of Business Ethics, Corporate Governance, Ethical issues in human resource management- The principal of ethical hiring, Firing, worker safety, whistle blowing, Equality of opportunity, Discrimination, Ethics and remuneration, Ethics in retrenchment. Ethical Dilemmas at workplace, Ethical issues in global business, corporate responsibility of employers.

(8 Hours) Module 4:

Workplace Privacy & Ethics: Watching what you say and what you do in the workplace, Hardware, Software and Spyware, Plagiarism and Computer Crimes, Convenience and Death of Privacy, Defence of employee privacy rights.

(8 Hours) Module 5:

Teamwork in the Workplace & Ethics: Teams, Elements of team, Stages of team development, team meetings, team rules, and teams work and professional responsibility, rules of professional responsibility, ASME code of ethics.

Module 6:

(8 Hours)

Managing Change in Workplace through Ethics: Introduction to Change Management, Models of change, the Ethics of Managing Change, the role of ethics and responsibilities in leading innovation and change, ethics based model for change management, ethics and risks of change management

Module 7:

(6 Hours)

Ethics, Discrimination and Harassment at Workplace: Discrimination, sexual harassment, Creating awareness about workplace harassment, Vishaka Dutta vs. State of Rajasthan -Supreme Court directions, Compulsory workplace guidelines.

Practical Components:

To solve case studies on Workplace Ethics

- · To visit organizations and find out the problems and causes for unethical behavior at
- To visit organizations and find out the measures adopted to control unethical behavior of employees.
- To compare and contrast the various ethical codes of conduct practiced in organizations.
- To study the recent cases on breach of workplace privacy.

RECOMMENDED TEXT BOOKS:

- Ethical Theory and Business, Tom L. Beauchamp, Norman E. Bowie and Denis Arnold. 8th Edition. 525
- Business Ethics, O.C. Ferrell, John Fraedrich, and Linda Ferrell, 9th Edition, Cengage Learning.
- How technology is compromising Workplace Privacy, Fredrick S Lane 111, AMACOM Div American Mgmt Assn, 2003
- Ethics in the Workplace, Dean Bredeson, Keith Goree, Cengage Learning, 2011.

REFERENCE BOOKS:

- Ethics in 21st Century, Mary Alice Trent, Oral Roberts University, longman.
- Ethics in workplace, Elizabeth P Tierney, Oak tree press
- Ethics in Workplace: System Perspective, William F Roth, Pearson, 2014.
- · Ethics in the Workplace: Tools and Tactics for Organizational Transformation Craig E. Johnson - SAGE Publications, 2007
- Business Ethics: Fairness and justice in the workplace Volume 2 of Business Ethics, Fritz Allhoff, ISBN 1412902541, 9781412902540 - SAGE Publications, 2005



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability during 2019-20



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

List of Activities during 2019-20

| Sl. No. | <u>Activity</u> | |
|---------|---|--|
| 1 | Visit to Orphanage | |
| 2 | Sessions on Universal Human Values | |
| 3 | Workshop on Self Defense Techniques for Women | |
| 4 | Plantation Drive at MITE | |
| 5 | Swachh Bharath Abhiyan | |
| 6 | Mega Blood Donation Camp | |
| 7 | Activities conducted by MITE Youth Red Cross | |



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust[®], Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment in the Induction program 2019-20

About Induction Program:

Change is inevitable. Transition period is always tedious. So is the transition for students from their pre-university academics to professional curriculum. Induction program helps in making students of first year feel comfortable, creating opportunities to showcase their talents and interests and shape their character. Induction Program is a beautiful combination of literary activities, cultural activities, personality development activities, Universal Human Values sessions, sports and many more.

MITE believes that there are two main aspects leading to good education, a supportive, nurturing environment and exposure to growing technological innovations thus conducting an induction program in two phases one in August and one in February.

Lectures by eminent personalities, visit to orphanages, old age homes and foster homes for specially-abled children under NSS activities were also conducted to inculcate a sense of social responsibility and for fostering human interaction and instilling virtues. The sessions on Universal human values gave space to students to explore oneself and experience the joy of learning, prepare themselves to stand up to peer pressure and make decisions with courage be aware of relationships and be sensitive to others.

Visit to orphanage

Our institution takes pride over an impressive roster as part of the National Service Scheme (NSS) within the campus. The students facilitate too many national awareness as well as outreach programs. Headed by Mr. Sathyanarayana, HOD, Department of Mechatronics Engineering, the students were taken to Vijetha special school, Karkala. The team from MITE conducted various performances and games that spread a lot of smile and joy to the tenants. A show of compassion, love and reconciliation from the students that help nurture unconditional human values and gratitude for their perfect well-being. As an amazing gesture the kids performed a small program that lightened up the session. The first year students were grouped in 5 teams for this activity. Each batch visited these places separately along with faculty coordinator.



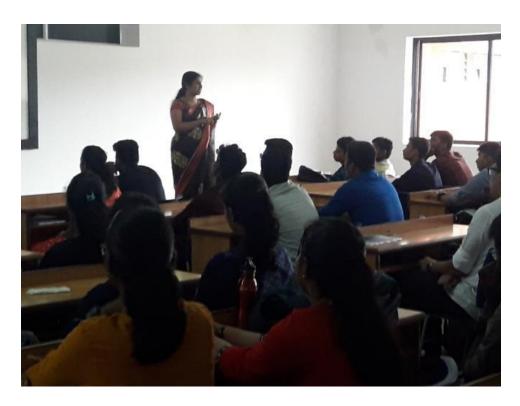
Visit to Orphanage

Sessions on Universal Human Values

Universal human values segment was carried out in sessions by Dr. Asha Crasta, Professor & HOD, Department of Mathematics, along with Mr. Rajesh Kamath, Asst.Prof, Department of Information Science & Engineering, Mrs. Swapna Sreenivasan Sr. Asst.Prof, Department of Electronics & Communication Engineering and Dr. Lokesha,.Prof, Department of Mechanical Engineering.

Giving much emphasis on explaining the role of education as well as right understanding of self and body in order to find a perfect harmony between an individual, society and the nature was addressed in the gathering. The segment helped orchestrate various group activities to help promote mutual interaction while signifying that human lives revolve around desires and these desires lead to infinite thoughts and infinite expectations. The students, having been allotted into different groups, actively participated in preparing designs and charts that embodied the philosophies that depict the values of relationships and gratitude. The students were able to garner insights on how fulfillment of any relationship can lead to a life filled with mutual happiness between individuals as it enhances humane values from within.

The next segment dwelt into the prerequisites for a healthy relationship. The foundation to any good relationship relies on trust, respect and care and it's important that the students learn these essentials to help build a strong ethic. Harmony in society as well as nature can be maintained peacefully by following the five dimensions in the human order thus directing the crowd to develop more harmonious feelings throughout as its relevance on us human beings is unprecedented.





Sessions on Universal Human Values

Workshop on Self Defense Techniques for Women

Rape, molestation, kidnapping and murder are the most common forms of crime against women in India. The women in India are also vulnerable to acid attacks and eve-teasing. But, what we, as the responsible citizens of an independent country, fail to realize is that these instances of harassment can flare up into other bigger heinous crimes against women. And that is when the importance of learning self-defense techniques for women is felt.

Keeping in mind the necessity of learning self defense techniques, the Women Cell along with the anti sexual harassment committee of MITE organised a awareness workshop for self defense techniques for women on 4th February 2020 by Karthik S Kateel for first year girl students as a part of Induction Program.





Karthik S Kateel training the Girl Students self defense Techniques.



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Plantation Drive at MITE

NSS-MITE conducted a plantation drive in the campus on 14th August 2019. The plantation drive was inaugurated by Dr. G L Easwara Prasad Principal, MITE. He briefed about the necessity of plantation in the present and future life. In this plantation drive, 400 diverse spices of plants were planted which require minimum water consumption for an eco-friendly environment. NSS volunteers and students of various departments were actively participated in this event.



Plantation Drive



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Swachh Bharath Abhiyan

The NSS-MITE Chapter conducted a Swachh Bharath Abhiyan in Moodbidri town in association with Rotary club of Moodbidri, Temple town on 19th August 2019. NSS Volunteers participated in this event by cleaning the locality and created awareness about cleanliness.



Swachh Bharath Abhiyan



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust[®], Mangalore)

Mega Blood Donation Camp

NSS-MITE chapter & MITE Youth Red Cross, in association with Lions Clubs International organized a mega blood donation camp at MITE campus in Moodbidri on 14th March 2020. The chief guest for the event was Dr. Deepa Adiga, Director blood bank, KMC Hospital, Mangalore. Lion N.J. Nagesh Kumar, region emissary, Lions dist 317D was the guest of honor. More than 170 students of the Mangalore Institute of Technology and Engineering donated their blood and made this event a grand success.



Mega Blood Donation Camp



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities conducted by MITE YOUTH RED CROSS

MITE Youth Red Cross unit conducted a series of activities in the year 2019-20, which are listed below.

| Sl. No. | <u>Activities</u> | |
|---------|---|--|
| 1 | Inauguration of YRC activities for 2019-20 and observing World Suicide Prevention Day | |
| 2 | Fitness and Wellness program | |
| 3 | World Alzheimer's Day | |
| 4 | Flood relief operation at Belthangady, Karnataka | |
| 5 | International Day for Disaster Risk Reduction | |
| 6 | Free medical camp at Baradi village | |
| 7 | Free medical camp at Sooda village | |
| 8 | Free medical camp at Paladka village | |



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability during 2018-19



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

List of Activities during 2018-19

| Sl. No. | <u>Activity</u> | |
|---------|--|--|
| 1 | NSS activity during Induction Program | |
| 2 | Sessions on Universal Human Values | |
| 3 | Flood Relief Fund for Coorg and Kerala | |
| 4 | Environmental Awareness Program | |
| 5 | Awareness Talk on Sexual Harassment | |



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment in the Induction program 2018-19

About Induction Program:

MITE believes in making students very comfortable in the campus and allows them to explore their academic interests and activities. So MITE, under the guidance of AICTE, conducted a three week Induction Program. The Induction program had a strong focus on building confidence and boosting creativity through disciplines like Physical activity, taking up some Creative arts, Literary activity, fostering greater human interaction and class bonding with group discussions with faculty and lectures by eminent personalities.

Activities like Extempore, sessions on Spoken English and Grammar, Letter Writing and Email Etiquettes, Essay writing techniques were organized as a part of this program. Visit to orphanages, old age homes and foster homes for specially-abled children under NSS activities were also conducted to inculcate a sense of social responsibility.

The sessions on Universal Human Values gave space to students to explore oneself and experience the joy of learning, prepare themselves to stand up to peer pressure and take decisions with courage, be aware of relationships and be sensitive to others.

NSS Activity

Our institution takes pride over an impressive roster as part of the National Service Scheme (NSS) within the campus. The students facilitate too many national awareness as well as outreach programs.

Headed by Mr. Sathyanarayana, HOD, Department of Mechatronics Engineering, the students were taken to Chethana special school, Karkala. The team from MITE conducted various performances and games that spread a lot of smile and joy to the tenants.

A show of compassion, love and reconciliation from the students that help nurture unconditional humane values and gratitude for their perfect well-being. As an amazing gesture the kids performed a small program that lightened up the session. The first year students were grouped in 5 teams for this activity. Each batch visited these places separately along with faculty coordinator.



NSS Activity

Sessions on Universal Human Values

Universal human values segment was carried out in sessions and presided over by Dr. Asha Crasta, Professor & HOD, Department of Mathematics, along with Ms. Shreya Prabhu, Asst.Prof, Department of Electronics & Communication Engineering.

Giving much emphasis on explaining the role of education as well as right understanding of self and body in order to find a perfect harmony between an individual, society and the nature was addressed in the gathering. The segment helped orchestrate various group activities to help promote mutual interaction while signifying that human lives revolve around desires and these desires lead to infinite thoughts and infinite expectations.

The students, having been allotted into different groups, actively participated in preparing designs and charts that embodied the philosophies that depict the values of relationships and gratitude. The students were able to garner insights on how fulfillment of any relationship can lead to a life filled with mutual happiness between individuals as it enhances humane values from within.

The talk was followed up by Ms. Shreya Prabhu, who dwelt into the prerequisites for a healthy relationship. The foundation to any good relationship relies on trust, respect and care and it's important that the students learn these essentials to help build a strong ethic. Harmony in society as well as nature can be maintained peacefully by following the five dimensions in the human order thus directing the crowd to develop more harmonious feelings throughout as its relevance on us human beings is unprecedented





Sessions on Universal Human Values



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Flood Relief Fund for Coorg and Kerala

In the month of August 2018, heavy rains in western coastline, led to severe flood in 12 districts of the Kerala and Kodagu district of Karnataka state. NSS-MITE took an initiative to raise the relief fund and collected an amount of Rs.1,30,00.00 (One Lakh Thirty Thousand) and handed over to Mr. Sasikanth Senthil, Deputy Commissioner, Dakshina Kannada District on 08th August 2018 towards the flood relief fund for Kodagu and Kerala.



Flood Relief Fund for Coorg and Kerala handed over to Deputy Commissioner



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Environmental Awareness Program

On Teachers Day, 5th September 2018, NSS-MITE conducted a memorable Environmental Awareness Program in the college premises. Over 250 students of MITE participated in the event. The main objective of this event is to create awareness about environment.

The awareness is all about the hygiene and sanitation, keeping the environment clean (Swachh Bharath) save water and river, save girl child (Bethi Bachavo) and Physical fitness (Healthy India).

Dr. G L Easwara Prasad Principal, MITE addressed the gathering, stressing on objectives of environmental awareness program. During the event, NSS volunteers exchanged their views on adverse effect of usage of plastics, and its impact on health and environment, segregation and proper disposal of garbage.

The event also stressed on cleanliness and its impact on the environment. Highlighting the recent scarcity of water in the region, the event also propagated the need to save water for next generation.



Environmental Awareness Program



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Awareness Talk On Sexual Harassment

An awareness program on Prevention of Sexual Harassment at Campus for students was organized on 9th October 2018 by the members of the anti-sexual harassment committee. This orientation workshop was organized for students who have joined the institute in the academic year 2018-19. The objectives of the orientation were to sensitize the students against the sexual harassment at workplace and campus, and make them aware of the policies on these issues and the support system available at the Institute.

Dr. Asha Crasta, Convener of the committee addressed the female students and Dr. C. R. Rajashekhar, vice-principal, MITE, the member of the committee addressed the male students. Both the speakers have given many examples of 'Myths and Facts' regarding sexual harassment towards the women in our society and then how the sexual harassment takes place. They have also explained about the law of Vishakha Guidelines, since 2013 the prevention and prohibition act in order to prevent sexual harassment has come out very strongly.

Students were also explained about the procedures to follow if they face any such incidences. The contact numbers of the committee members and student representatives with their email ids was shared with all the students.





Awareness Talk on Sexual Harassment



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability during 2017-18



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

List of Activities during 2017-18

| Sl. No. | <u>Activity</u> | |
|---------|---------------------------------|--|
| 1 | Swach Bharath Abhiyan | |
| 2 | Visit to Vijetha Special School | |
| 3 | Mega Blood Donation Camp | |



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Swach Bharath Abhiyan

Under the MITE-NSS chapter, a "SWACH BHARATH ABHIYAAN" was organized and our students actively participated in this event. This program was conducted at the Primary Health Center, Durga, Karkala on 19th January 2018.



Swach Bharath Abhiyan



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Visit to Vijetha Special School

NSS-MITE volunteers & Staff of MITE have visited the Vijetha Special School, Karkala on Independence Day, 15th August 2017. Groceries worth Rs. 44,110 and Four Storage cupboards costing Rs. 27,200 donated for the welfare of the school. A cultural program was also organized by MITE students to entertain the inmates of the Vijetha Special School.



Visit to Vijetha Special School



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Mega Blood Donation Camp

A Mega Blood Donation Camp was organized in the campus on the 10th of February 2018 in association with Lions Club International, Bendoorwell. Tejaswini Blood Bank, Kadri, K S Hegde Blood Bank, Mangalore, KMC Blood Bank, Mangalore and the Red Cross Society of India, Mangalore branch. The event was inaugurated by Dr. M. Shantharam Shetty, M.D, Tejasvini Hospitals. Over 300 units of blood samples were collected.



Mega Blood Donation Camp



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability during 2016-17



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

List of Activities during 2016-17

| Sl. No. | <u>Activity</u> | |
|---------|---------------------------------|--|
| 1 | Talk on Workstation Ethics | |
| 2 | Visit to Vijetha Special School | |
| 3 | Mega Blood Donation Camp | |



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Talk on Workstation Ethics

A talk on Workstation ethics by Prof. Ram Balasubramanyam was organized on 10" of May 2017, for the students of MITE. Prof. Ram Balasubramanyam began the talk with a ease studies of different companies having major issues regarding professional ethics. The speaker then briefed about business ethics, its needs and benefits. He also educated the students about the major sources of ethical values in business. He then spoke about Personal ethics and the common unethical issues facing Indian Managers.



Talk on Workstation Ethics



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Visit to Vijetha Special School

NSS-MITE team visited Vijetha Special School, Karkala on 15th August 2016 and spent memorable time with the school children. NSS-MITE chapter Donated groceries, bed sheets and uniform material of worth Rs.71,800 and cash of Rs.35,000 for betterment of school children.



Visit to Vijetha Special School



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Mega Blood Donation Camp

A Mega Blood Donation Camp was organized in the campus on 11th of February 2017 in association with Lions International, Tejaswini Blood Bank, K S Hegde Blood Bank, KMC Blood Bank and Red Cross Society of India. The event was inaugurated by Dr. M. Shantharam Shetty, M.D, Tejasvini Hospitals. Over 600 students participated in the camp.



Mega Blood Donation Camp



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Activities relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability during 2015-16



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

List of Activities during 2015-16

| Sl. No. | <u>Activity</u> | |
|---------|----------------------|--|
| 1 | Visit to SEON Ashram | |
| 2 | Blood Donation Camp | |



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Visit to SEON Ashram

NSS-MTE team visited "SEON – A home for mentally challenged" on the Independence Day 15th August 2015. "SEON" is an organization supporting for around 300 mentally challenged students. NSS-MITE chapter donated Rs.95,000 (Ninety-five thousand only) for the benefit of students in the organization.



Visit to SEON Ashram



(An ISO 9001:2008 Certified Institution) (A unit of Rajalaxmi Education Trust[®], Mangalore)

Blood Donation Camp

Blood donation camp was organized on 6th February 2016 in association with the following:

- 1. Indian Red-Cross society, Mangalore
- 2. K.M.C Hospital, Mangalore
- 3. Govt. Wenlock Hospital, Mangalore
- 4. Tejaswini Hospital, Mangalore

The camp was inaugurated by Dr. G L Easwara Prasad, Principal, MITE. Lion Shrikanth Konde, Lion Devadas Bhandary, Lion Nagesh Kumar N J, Dr. Sharath Kumar were guests of honor for the event.

Lion Nagesh Kumar emphasized the importance of blood donation, while Dr. Sharath Kumar threw light on history of blood donation. Mr. Sathyanarayana, NSS officer delivered the vote of thanks. Lion Ashwini Shetty, President, Lions Club, Tulunadu graced the occasion. Around 550 students and faculties participated in the blood donation.





Blood Donation Camp



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

Support for Gender Equity



(An ISO 9001:2015 Certified Institution) (A unit of Rajalaxmi Education Trust®, Mangalore)

GENDER EQUITY

MITE, imparting quality education to shape global leaders has firm belief in gender equity which is indispensable to ensure sustainable development of a country. To promote gender equity among the students, Institute supports equal representation of both genders in the leadership positions of class and college level committees, curricular and co-curricular activities. The links to various committees are listed below.

| <u>Sl.</u> | Committee | <u>Link</u> |
|------------|---|---|
| <u>No.</u> | | |
| 1 | Class Committees | https://mite.ac.in/wp-content/uploads/2021/08/Class-Committees.pdf |
| 2 | Office Bearers for the Department Association | https://mite.ac.in/wp-content/uploads/2021/08/Office-Bearers-for-the-Department-Association.pdf |
| 3 | Editorial Committee of News Letter | https://mite.ac.in/wp- content/uploads/2021/08/2.2.1_Editorial-team.pdf |
| 4 | College Level Committee | https://mite.ac.in/wp-content/uploads/2021/07/2_2_1-College-level-Committee-2019-20.pdf |