



Sri Devaraj Urs Academy of Higher Education & Research

(Deemed to be University)

Post Box 62, Tamaka, Kolar 563103, Karnataka

Phone : 08152- 243003(Extn. 470) email : dean_ahp@sduaher.ac.in Web: www.sduaher.ac.in

Dean Faculty of Allied Health and Basic Sciences

Subject: Environmental Studies

Department level

Course code: B-205

Semester-II

Teaching hours 30

Marks 80

SYLLABUS

Unit 1 : Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 lectures)

Need for public awareness.

Unit 2 : Natural Resources :

Renewable and non-renewable resources :

Natural resources and associated problems.

- a) **Forest resources : Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.**
- b) **Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.**
- c) **Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.**
- d) **Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.**
- e) **Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.**
- f) **Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.**

- **Role of an individual in conservation of natural resources.**

- **Equitable use of resources for sustainable lifestyles.**

(4 lectures)

Unit 3 : Ecosystems

- **Concept of an ecosystem.**
- **Structure and function of an ecosystem.**
- **Producers, consumers and decomposers.**
- **Energy flow in the ecosystem.**
- **Ecological succession.**
- **Food chains, food webs and ecological pyramids.**
- **Introduction, types, characteristic features, structure and function of the following ecosystem :-**

Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar 563103.



Sri Devaraj Urs Academy of Higher Education & Research
(Deemed to be University)

Post Box 62, Tamaka, Kolar 563103, Karnataka

Phone : 08152- 243003(Extn. 470) email : dean.ahs@sduaher.ac.in Web: www.sduaher.ac.in

Dean Faculty of Allied Health and Basic Sciences

Subject: Environmental Studies

Department level

Course code: B-205

Semester-II

Teaching hours 30

Marks 80

SYLLABUS

Unit 1 : Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 lectures)

Need for public awareness.

Unit 2 : Natural Resources :

Renewable and non-renewable resources :

Natural resources and associated problems.

- a) **Forest resources : Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.**
- b) **Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.**
- c) **Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.**
- d) **Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.**
- e) **Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.**
- f) **Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.**

- **Role of an individual in conservation of natural resources.**

- **Equitable use of resources for sustainable lifestyles.**

(4 lectures)

Unit 3 : Ecosystems

- **Concept of an ecosystem.**
- **Structure and function of an ecosystem.**
- **Producers, consumers and decomposers.**
- **Energy flow in the ecosystem.**
- **Ecological succession.**
- **Food chains, food webs and ecological pyramids.**
- **Introduction, types, characteristic features, structure and function of the following ecosystem :-**

Dean

Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar-563101.



Sri Devaraj Urs Academy of Higher Education & Research
(Deemed to be University)

Post Box 62, Tamaka, Kolar 563103, Karnataka

Phone : 08152- 243003(Extn. 470) email : dean_ahs@sduaher.ac.in Web: www.sduaher.ac.in

Dean Faculty of Allied Health and Basic Sciences

- a. Forest ecosystem
- b. Grassland ecosystem
- c. Desert ecosystem
- d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(4 lectures)

Unit 4 : Biodiversity and its conservation

- Introduction – Definition : genetic, species and ecosystem diversity.
- Biogeographical classification of India
- Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation
- Hot-spots of biodiversity.
- Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India
- Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

(4 lectures)

Unit 5 : Environmental Pollution

Definition

- **Cause, effects and control measures of :-**
 - a. Air pollution
 - b. Water pollution
 - c. Soil pollution
 - d. Marine pollution
 - e. Noise pollution
 - f. Thermal pollution
 - g. Nuclear hazards
- **Solid waste Management** : Causes, effects and control measures of urban and industrial wastes.
- **Role of an individual in prevention of pollution.**
- **Pollution case studies.**
- **Disaster management** : floods, earthquake, cyclone and landslides.

(4 lectures)

Unit 6 : Social Issues and the Environment

- **From Unsustainable to Sustainable development**
- **Urban problems related to energy**
- **Water conservation, rain water harvesting, watershed management**
- **Recreation and rehabilitation of people; its problems and concerns. Case Studies**
- **Environmental ethics : Issues and possible solutions.**
- **Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and**

Dean

Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



Sri Devaraj Urs Academy of Higher Education & Research
(Deemed to be University)

Post Box 62, Tamaka, Kolar 563 103, Karnataka

Phone : 08152- 243003(Extn. 470) email : dean.aha@sduaher.ac.in Web: www.sduaher.ac.in

Dean Faculty of Allied Health and Basic Sciences

holocaust. Case Studies.

- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation.
- Public awareness.

(6 lectures)

Unit 7 : Human Population and the Environment

- Population growth, variation among nations.
- Population explosion – Family Welfare Programme.
- Environment and human health.
- Human Rights.
- Value Education.
- HIV/AIDS.
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

(4 lectures)

Unit 8 : Field work

- Visit to a local area to document environmental assets-
river/forest/grassland/hill/mountain
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc. (Field work Equal to 2 lecture hours)

Semester System : The Environment course of 50 lectures will be conducted in the second semester and the examination shall be conducted at the end of the second semester .

Credit System : The course will be awarded 4 credits.

Exam Pattern : In case of awarding the marks, the question paper should carry 100 marks.

The structure of the question paper being :

| | | |
|----------------------------------------|---|------------|
| Part-A, Short answer pattern | - | 25 marks |
| Part-B, Essay type with inbuilt choice | | - 50 marks |
| Part-C, Field Work | | - 25 marks |

Dean

Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



Sri Devaraj Urs Academy of Higher Education & Research

(Deemed to be University)

Post Box 62, Tamaka, Kolar 563103, Karnataka

Dean, Faculty of Allied Health & Basic Sciences

Subject: Constitution of India

Department level
Course code: D205
Semester-IV
Teaching hours 30
Marks 50

- Unit-I:** Meaning of the term 'Constitution'. Making of the Indian Constitution 1946-1950. (1 hr)
- Unit-II:** The democratic institutions created by the constitution Bicameral system of Legislature at the Centre and in the States. (4 hrs)
- Unit-III:** Fundamental Rights and Duties their content and significance. (5 hrs)
- Unit – IV:** Directive Principles of States Policies the need to balance Fundamental Rights with Directive Principles. (5 hrs)
- Unit – V:** Special Rights created in the Constitution for: Dalits, Backwards, Women and Children and the Religious and Linguistic Minorities. (3 hrs)
- Unit-VI:** Doctrine of Separation of Powers legislative, Executive and Judicial and their functioning in India. (3 hrs)
- Unit – VII:** The Election Commission and State Public Service commissions (2 hrs)
- Unit – VIII:** Method of amending the Constitution. (3 hrs)
- Unit – IX:** Enforcing rights through Writs: (2 hrs)
- Unit – X:** Constitution and Sustainable Development in India. (2 hrs)

References:

1. J.C. Johari: The Constitution of India- A Politico-Legal Study-Sterling Publication, Pvt. Ltd. New Delhi.
2. J.N. Pandey: Constitution Law of India, Allahabad, Central Law Agency, 1998.
3. Granville Austin: The Indian Constitution – Corner Stone of a Nation-Oxford, New Delhi, 2000.

Dean

Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A Deemed to be University Declared under Section 3 of UGC Act, 1956)

Comprising Sri Devaraj Urs Medical College

[Constituent Unit of Sri Devaraj Urs Educational Trust for Backward Classes (Regd.)]

TAMAKA, KOLAR-563103, KARNATAKA, INDIA

Ph: 08132-243009, +91 9448395232 Fax: +918152 - 243008 E-mail: sdiaher@sdiaher.org.in Website: www.sdiaher.ac.in

Basic aspect of Disaster Management

In accordance with the decision taken in the meeting of the 38th Academic council held on 2nd June 2021 and as per Notification No.SDUAHER/KLR/ADMN/1207/2021-22 dated 29th Sept. 2021 The Academy has decided to introduce chapter on "Basic aspect of Disaster Management" with weightage of 5 marks during question paper setting.

Definition and types of disaster: Risk and Vulnerability in Disasters, Natural disasters- earthquakes, floods drought, landside, land subsidence, cyclones, volcanoes, tsunami, avalanches, global climate extremes. Man-made disasters Terrorism, gas and radiations leaks, toxic waste disposal, oil spills, forest fires.

Study of Important disasters: Earthquakes and its types, magnitude and intensity, seismic zones of India, major fault systems of India plate, flood types and its management, drought types and its management, landside and its managements. Social Economics and Environmental impact of disasters.

Mitigation and Management techniques of Disaster: Basic principles of disasters management, Disaster Management cycle, Disaster management policy, National and State Bodies for Disaster Management, Early Warning Systems, Building design and construction in highly seismic zones, retrofitting of buildings. Training, awareness program: Training and drills for disaster preparedness, Awareness generation program, Usages of GIS and Remote sensing techniques in disaster management.

Dean

Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tataka, Kolar - 563 101.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

Declared under Section 3 of UGC Act, 1956, MHRD GOI No.P.9-36/2006-U.3(A) Dt. 25th May 2007

Post Box No. 62, Tamaka, Kolar - 563 103, Karnataka, INDIA

Ph: 08152- 243244, 243003, Fax : 08152 - 243008 E-mail - registrar@sduu.ac.in/office@sduu.ac.in Website: www.sduu.ac.in

4.8 ENVIRONMENTAL STUDIES

Course Code: B-409

SYLLABUS (50 hours) / 4 credits

Unit 1: Multidisciplinary nature of environmental studies

Definition, scope and importance (2lectures)

Need for public awareness.

Unit 2: Natural Resources :

Renewable and non-renewable resources:

Natural resources and associated problems. Forest resources: Use and overexploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people. Water resources: Use and over-utilization of surface and groundwater, floods, drought, conflicts overwater, dams-benefits and problems. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies. Land resources :Land as a resource, land degradation, man induced land slides, soil erosion and desertification.

Role of an individual in conservation of natural resources.

Equitable use of resources for sustainable lifestyles. (8lectures)

Unit 3: Ecosystems

Concept of an ecosystem.

Structure and function of an ecosystem.

Producers, consumers and decomposers.

Energy flow in the ecosystem.

Ecological succession.

Food chains, food webs and ecological pyramids.

Introduction, types, characteristic features, structure and function of the following ecosystem:-


a. Forest ecosystem

b. Grass land ecosystem

c. Desert ecosystem

d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

000 82


Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

Declared under Section 3 of UGC Act, 1956, MHRD GOI No.P.9-36/2006-U.3(A) Dt. 25th May 2007

Post Box No. 62, Tamaka, Kolar - 563 103, Karnataka, INDIA

Ph. 08152- 243244, 243003, Fax : 08152 - 243008 E-mail - registrarsduu.ac.in/office@sduu.ac.in Website: www.sduu.ac.in

Unit 4: Biodiversity and Its conservation (6lectures)

- Introduction-Definition: genetic, species and eco- system diversity.
- Bio-geographical classification of India
- Value of biodiversity :consumptive use, productive use, social, ethical, aesthetic and option values
- Bio diversity at global, National and local levels.
- India as a mega-diversity nation
- Hot-spots of bio-diversity.
- Threats to bio-diversity: habit at loss, poaching of wildlife, man-wild life conflicts.
- Endangered and endemic species of India
- Conservation of bio-diversity: In-situ and Ex-situ conservation of bio-diversity.

Unit 5: Environmental Pollution (8lectures)

Definition

- Cause, effects and control measures of:-
 - a. Air pollution
 - b. Water pollution
 - c. Soil pollution
 - d. Marine pollution
 - e. Noise pollution
 - f. Thermal pollution
 - g. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides. (8lectures)

Unit 6: Social Issues and the Environment

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, water shed management
- Resettlement and rehabilitation of people; its problems and concerns. Case Studies
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case Studies.

Unit 7: Human Population and the Environment

- Population growth, variation among nations.
- Population explosion-Family Welfare Programme.


Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

Declared under Section 3 of UGC Act, 1956, MHRD GOI No.F.9-36/2006-U.3(A) Dt. 25th May 2007

Post Box No. 62, Tamaka, Kolar - 563 103, Karnataka, INDIA

08152-243244,243003, Fax : 08152 - 243008 E-mail - registrar@sduu.ac.in/office@sduu.ac.in Website: www.sduu.ac.in

- Environment and human health.
- Human Rights.
- Value Education.
- 000 83
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

Unit 8: Field work

- Visit to a local area to document environmental assetsriver/forest/grassland/hill/mountain
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc. (Field work Equal to 5 lecture hours)
- Waste land reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution)Act.
- Water (Prevention and control of Pollution)Act
- Wild life Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation

Note: Semester System: The Environment course of 50 lectures will be conducted in the second semester and the examination shall be conducted at the end of the second semester

Credit System : The course will be awarded 4credits.

Exam Patterns: In case of awarding the marks, the question paper should carry 100 marks.

The structure of the question paper being:

- Part-A, Short answer pattern - 25marks
- Part-B, Essay type with Inbuilt choice - 50marks
- Part-C, Field Work - 25marks

Dean

Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A Deemed to be University Declared under Section 3 of UGC Act, 1956)
Comprising Sri Devaraj Urs Medical College

[Constituent Unit of Sri Devaraj Urs Educational Trust for Backward Classes (Regd.)]

TAMAKA, KOLAR-563103, KARNATAKA, INDIA

Ph: 08152-243009, +91 9448295232 Fax: +918152-243008 E-mail: registrar@sduu.ac.in/office@sduu.ac.in, Website: www.sduu.ac.in


Medical Law and Ethics (06 hours)

In accordance with the decision taken in the meeting of the 38th Academic council held on 2nd June 2021 and as per Notification No.SDUAHER/KLR/ADMN/1207/2021-22 dated 29th Sept. 2021 The Academy has decided to introduce chapter on “Basic Law for Allied Health care professionals” with weightage of 5 marks during question paper setting.

Introduction to Medical Law and Ethics: This is concerned with studying and/or building up a coherent set of “rules” or principles by which people ought to live. It is the social value which binds the society by uniform opinion/consideration and enables the society to decide what is wrong and what is right. It is the science of morale concerning principle of human duty in the society.

Basic principles of Medical Ethics Confidentiality: Information obtained by doctors about patients is confidential in common law, and the common law recognizes individuals’ rights to autonomy in relation to disclosure of data, to a lesser degree, but in the same way as it accords the right to individual autonomy in relation to treatment.

Malpractice and Negligence: The malpractice or negligence normally involves a medical error. This could be in diagnosis, medication dosage, health management, treatment, or aftercare.


Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

**(A Deemed to be University Declared under Section 3 of UGC Act, 1956)
Comprising Sri Devaraj Urs Medical College**

[Constituent Unit of Sri Devaraj Urs Educational Trust for Backward Classes (Regd.)]

TAMAKA, KOLAR-563103, KARNATAKA, INDIA


Ph: 08153-243000, +91 9448952525 Fax: +918153 - 243000 E-mail: registrar@sdou.ac.in/office@sdou.ac.in. Website: www.sdou.ac.in

Work Place Based hazards

In accordance with the decision taken in the meeting of the 38th Academic council held on 2nd June 2021 and as per Notification No.SDUAHER/KLR/ADMN/1207/2021-22 dated 29th Sept. 2021 The Academy has decided to introduce chapter on "Work Placed Based Hazard" with weightage of 5 marks during question paper setting.

Definition, different types, description of Biological, chemical, physical, Ergonomic, Psychosocial.

- **National Institute for Occupational Safety and Health (NIOSH) standards to prevent work place injuries.**
- **Hazard Identification and assessment, work place health surveillance, Occupational health indicators, Data sources of Occupational health indicators and Tools, medical surveillance tools.**
- **Occupational Health records confidentiality of information. Common office hazards, hazards relevant to disciplines (Medical Lab Technology/ Imaging/optometry/ dialysis/ radiotherapy/ cardiac care and perfusion/ respiratory technology at work place. Basic Life support.**


Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



Sri Devaraj Urs Academy of Higher Education & Research

(Deemed to be University)

Post Box 62, Tamaka, Kolar 563103, Karnataka

Phone : 08152- 243003(Extn. 470) email : dean.aha@sduaher.ac.in Web: www.sduaher.ac.in

Dean Faculty of Allied Health and Basic Sciences

Subject: Medical Ethics

Department level
Course code E-205
Semester-V
Teaching hours 30
Marks 50

Syllabus

TOPICS

Unit –I Ethics in health care professions (3 hours)
Learning ethics in health care professionals and other employees consists of the basic aspects /concepts in health care ethics.

Types of ethics, that arises in health care settings. Explain ethics consultation. Medical ethics definition goal and scope

Unit-I Patient privacy and confidentiality (3 hours)
Basic concepts of patient privacy and confidentiality. Protecting patients modesty and physical privacy safeguarding their personal information ethical practice for disclosing personal information.

Recommended for all paramedics /technicians nursing and also for clinicians and clerks and others who have access to patient information or health records.

Unit-III Code of conduct (3 hours)
Introduction to Code of conduct, purpose and scope, policy requirements, respecting the law, working together, requiring and reporting concerns. Protecting information of employee /patient, protecting our brand, managing conflict of interest, role and responsibilities, monitoring reportings.

Unit-IV Malpractice and negligence (3 hours)
Rational and irrational drug therapy / related to paramedical profession

Unit-V Autonomy and informed consent (3 hours)
Right of patients, Obtaining an informed consent and its purpose

Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



Sri Devaraj Urs Academy of Higher Education & Research

(Deemed to be University)

Post Box 62, Tamaka, Kolar 563103, Karnataka

Phone : 08152- 243003 (Extn. 470) email : dean.ahs@sduaher.ac.in Web: www.sduaher.ac.in

Dean Faculty of Allied Health and Basic Sciences

Unit-VI Euthanasia (3 hours)

Care of the terminally ill- /self-assisted suicide

Unit-VII Organ transplantation (3 hours)

Ethics involved in organ transplantation

Unit-VIII Medico legal aspects of medical records (3 hours)

Medico legal case and type- Records and document related to MLC - ownership of medical records - Confidentiality Privilege communication - Release of medical information - Unauthorized disclosure - retention of medical records - other various aspects.

Unit -IX Professional Indemnity insurance policy (3 hours)

Development of standardized protocol to avoid near miss or sentinel events


Dean
Faculty of Allied & Healthcare Professions
Sri Devaraj Urs Academy of Higher
Education & Research
Tamaka, Kolar - 563 101.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

Declared under Section 3 of UGC Act, 1956, MHRD GOI No.F.9-36/2006-U.3(A) Dt. 25th May 2007

Post Box No. 62, Tamaka, Kolar - 563 103, Karnataka, INDIA

Ph: 08152- 243244,243003, Fax : 08152 - 243008 B-mail - registrn@sduu.ac.in/office@sduu.ac.in Website: www.sduu.ac.in

Ethics and Communication

Course Code: ETC-001

Learning modules for Professional year I

Number of modules: 5

Number of hours: 34

The Medical Council of India has prepared revised Graduate Medical Education Regulations 2017 and competency based UG curricula, accompanied by guidance for its implementation. In response to this, every medical college needs to develop the capacity to adapt to the requirements of the new guidelines. Earlier experience with implementation of curricular changes suggests that a carefully managed, sustainable approach is necessary to ensure that every college has access to these new skills and knowledge. Faculty development has been seen to play a key role in the implementation and sustenance of any curricular reforms.

The Medical Council of India has decided to implement Attitude, Ethics and Communication module (AETCOM) in all medical schools across the country over the next two years.

- Module 1.1: What does it mean to be a doctor?
- Module 1.2: What does it mean to be a patient?
- Module 1.3: The doctor-patient relationship
- Module 1.4: The foundations of communication
- Module 1.5: The cadaver as our first teacher

Assessment

1. **Formative:** The student may be assessed based on their active participation in the sessions. The respect and the manner in which students handle biologic tissues throughout the phase may be part of the overall formative assessment of the student.

2. **Summative:** may not be required.

Chairperson
Centre of Bioethics
Sri Devaraj Urs Academy of Higher
Education And Research, Kolar



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND
RESEARCH, TAMAKA, KOLAR

UNIVERSITY BIOETHICS CENTRE - UBEC

FORMAT No.

ISSUE No.

REV NO:

DATE:



AETCOM Learning modules for MBBS Professional Year II

Number of modules: 8

Number of hours: 37

| | |
|------------|---------------------------------------------------------|
| Module 2.1 | The foundations of communication - 2 |
| Module 2.2 | The foundations of bioethics |
| Module 2.3 | Health care as a right |
| Module 2.4 | Working in a health care team |
| Module 2.5 | Case studies on patient autonomy and decision making |
| Module 2.6 | Case studies on autonomy and decision making |
| Module 2.7 | Case studies on autonomy and decision making |
| Module 2.8 | What does it mean to be family member of a sick patient |



These modules are taught under following courses of phase IIMBBS

Pharmacology

Pathology

Microbiology

Chairperson
- Centre of Bioethics
Sri Devaraj Urs Academy of Higher
Education And Research, Kolar

| | | | |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|
|  | SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH, TANAKA, KOLAR | FORMAT No. ISSUE No. |  |
| | UNIVERSITY BIOETHICS CENTRE - UTEC | REV NO: DATE: | |

AETCOM Learning modules for MBBS Professional Year III

Number of modules: 5

Number of hours: 25

| | |
|------------|--------------------------------------------|
| Module 3.1 | The foundations of communication - 3 |
| Module 3.2 | Disclosure of Medical errors |
| Module 3.3 | The foundations of communication - 4 |
| Module 3.4 | Case studies in Bioethics- Confidentiality |
| Module 3.5 | Case studies in Bioethics—Fiduciary duty |

These modules are taught under following courses of phase III MBBS


 Chairperson
 Centre of Bioethics
 Sri Devaraj Urs Academy of Higher
 Education And Research, Kolar



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND
RESEARCH, TAMAKA, KOLAR

R.L.JALAPPA BIOETHICS CENTRE, (RIJBC)

FORMAT No.
ISSUE No.
REV NO:
DATE:




AETCOM Learning modules for Professional Year IV



Number of modules : 9

Number of hours: 44

| Module No. | Modules |
|-------------------|--------------------------------------------------------------------|
| 4.1 | The foundations of communication |
| 4.2 | Case studies in medico-legal and ethical situations |
| 4.3 | Case studies in medico-legal and ethical situations |
| 4.4 | Case studies in ethics empathy and the doctor-patient relationship |
| 4.5 | Case studies in ethics: the doctor-industry relationship |
| 4.6 | Case studies in ethics and the doctor- industry relationship |
| 4.7 | Case studies in ethics and patient autonomy |
| 4.8 | Dealing with death |
| 4.9 | Medical Negligence |

These modules are taught under Phase III Part II MBBS




Chairperson
Centre of Bioethics
Sri Devaraj Urs Academy of Higher
Education And Research, Kolari

| | | | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------|
|  | SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH, TAMAKA, KOLAR | FORMAT No. ISSUE No. |  |
| | UNIVERSITY BIOETHICS CENTRE - UDEC | REV NO: DATE: | |

EVENT REPORT

1. **Name of Event : Basic course in ethics for postgraduates on 24th April 2024**
2. **Level of event: Institutional**
3. **Background /Introduction:** In the ever-evolving landscape of medical science and practice, ethical considerations are at the heart of delivering compassionate, competent, and patient-centered care. Recognizing this pivotal role, our Basic Course in Ethics for Postgraduates is designed to equip future healthcare leaders with the foundational principles and practical skills necessary to navigate the complex moral dilemmas they will encounter throughout their professional careers.

This course is grounded in the CBME (Competency-Based Medical Education) curriculum framework, which emphasizes the integration of ethical principles into clinical practice and decision-making. It aims to foster a deep understanding of ethical theories, enhance critical thinking, and develop the capacity to apply ethical principles to real-world situations in a clinical setting.
4. **Venue:** Physiology AV Hall SDUMC,Kolar
5. **Sponsors:** SDUAHER, Kolar
6. **Inauguration**
7. **Speakers :**
 1. **Dr. Kalyani R.**
Professor of Pathology,
Director, Research and Development Cell,
SDUMC, SDUAHER, Kolar
 2. **Dr. Srinivasa Reddy**
Professor of Forensic Medicine,
SDUMC, Kolar
 3. **Dr. Ashwini K.Shetty ,**
Professor of Physiology,SDUMC, Kolar
 4. **Dr. Geetha S.**
Professor of Physiology,SDUMC, Kolar

| | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|
|  | SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH, TAMAKA, KOLAR | FORMAT No. |  |
| | UNIVERSITY BIOETHICS CENTRE - UBEC | ISSUE No. | |
| REV NO: | | | |
| DATE: | | | |

- 7 **Participants & Delegates in Number:** 100
- 8 **Awards / Prizes:** Nil
- 9 **Valedictory:** Distribution of certificates
- 10 **Any Other Information:** Schedule enclosed

Schedule for course on Ethics

| Time | Topics | Objectives of the session | Resource Person |
|--------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 9.00 am – 9:10 am | Pre-test & Ice breaking | | Dr. Ashwini K.Shetty , Professor of Physiology, SDUMC, Kolar |
| 9.30 am – 10.15 am | Principles of Bioethics | <ul style="list-style-type: none"> List the principles of bioethics Discuss the principles of bioethics in clinical practice | Dr. Kalyani R. Professor of Pathology, Director, Research and Development Cell, SDUMC, SDUAHER, Kolar |
| 10.30am- 12.00 pm | Case Discussion on Principles of Bioethics Doctor patient relationships | <ul style="list-style-type: none"> Discuss regarding the principles of bioethics and application in clinical practice Enumerate and describe professional qualities and roles of a physician and its application in clinical practice | Dr. Ashwini K.Shetty , Professor of Physiology, SDUMC, Kolar & Dr. Geetha S. Professor of Physiology, SDUMC, Kolar |
| 12.00 pm-.1.00 pm | Research ethics | <ul style="list-style-type: none"> EC Functioning Informed Consent Process Confidentiality and Privacy Publication ethics | Dr. Srinivasa Reddy Professor of Forensic Medicine, SDUMC, Kolar |
| 1.00pm- 1.15 pm | Post Test & Feedback | | Dr. Anitha A. , Professor of Medicine , SDUMC, Kolar |


 Dr. Srinivasa Reddy
 Chairperson
 Centre of Bioethics
 Sri Devaraj Urs Academy of Higher
 Education And Research, Kolar



Sri Devaraj Urs College of Nursing
 A Constituent unit of Sri Devaraj Urs Academy of Higher Education and Research
 (Deemed to be University)
 (Recognized by KNC, Bangalore & INC, New Delhi)
 ISO 9001: 2015 Certified & NAAC Accredited
 Tamaka, Kolar-563 103, Karnataka.



Phone: 9480880802 E-mail: principalsducon@sduaher.ac.in, Website: sducon.ac.in

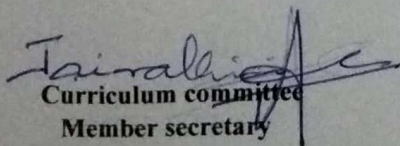
Integration of cross cutting issues to integrate into curriculum-2024-25

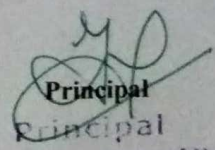
Cross-cutting issues relevant to Gender, Environment, Sustainability and Emerging demographic issues, Human Values and Professional Ethics, Right to Health and health determinants into the Curriculum

| Cross cutting issues - Right to health & Health determinants | | | | | |
|--------------------------------------------------------------|---------------------|--------------------|------------------------------------------------------------------|-------|-----------------------------------------------|
| Level of programme | Placement | Course/ subject | Unit | Hours | Description of content |
| UG | I BSc -(N)-semester | Nursing Foundation | II | 5 | Nursing caring and advocacy: |
| | | | Nursing as a Profession | | |
| | | Nutrition | I | 2 | Role of Nutrition in maintaining Health |
| | | | V | 2 | Determinations and factors influencing health |
| | X | 7 | Nutritive value of food. Role of Nurse in Nutritional Assessment | | |
| | | Balanced Diet | | | |

| Cross cutting issues -Gender | | | | | |
|------------------------------|----------------|---------------------------|------------------------|-------|-----------------------------------------------|
| Level of programme | Placement | Course/ subject | Unit | Hours | Description of content |
| PG | I Year MSc (N) | Advanced Nursing Practice | IX Nursing Practice | 2 | Gender Sensitive issues and Women Empowerment |

| Cross cutting issues - Human Values and Professional Ethics | | | | | |
|-------------------------------------------------------------|--------------------------|---------------------------------|------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Level of programme | Place ment | Course/ subject | Unit | Hours | Description of content |
| PG | I Year MSc (N) | Advanced Nursing Practice | I Nursing as a Profession | 05 | Nursing as a Profession Code of ethics (INC), Code of professional conduct (INC), Autonomy and accountability, assertiveness, visibility of nurses, legal considerations. Quality assurance in Nursing (INC) |
| | | Medical Surgical Nursing | I Introduction | 01 | Ethical issues in Medical Surgical Nursing |
| | | OBG | I Introduction | 02 | Ethical issues in Midwifery |
| | | Paediatric Nursing | I Introduction | 02 | Rights of Children Ethical issues in Paediatric care |
| | | Mental Health Nursing | I Introduction | 01 | Human Rights to Mentally ill |
| | II Year MSc (N) | Nursing Managem ent | XII Legal and Ethical Issues: Laws and Ethics | 05 | Legal and Ethical Issues Ethical Committee Code of Ethics and Professional Conduct Patient Rights, Consumer Protection act Rights of Special Groups: Children, |


 Curriculum committee
 Member secretary


 Principal
 Sri Devaraj Urs College of Nursing
 Tamaka, Kolar-563103



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

SRI DEVARAJ URS MEDICAL COLLEGE

Tamaka, Kolar

OFFICE OF THE PRINCIPAL



Course in Ethics including Good Clinical Practices & Good Laboratory Practices on 19th & 20th November 2024 at Dr.B C Roy Hall (Library 1st floor).

| SCHEDULE FOR COURSE ON ETHICS | | | |
|-------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Time | Topics | Objectives of the session | Resource Person |
| 9.00 am to 9.10 am | Pre-test & Ice breaking | | Dr.Ashwini K Shetty Professor of Physiology SDUMC, Kolar |
| 9.10 am to 10.15 am | Principles of Bioethics | <ul style="list-style-type: none">List the Principles of bioethicsDiscuss the principles of bioethics in clinical practice | Dr.Kalyani R Professor of Pathology Director, Research and Development Cell, SDUMC SDUAHER, Kolar |
| 10.30 am to 12.00 pm | Case Discussion on Principles of Bioethics Doctor patient relationships | <ul style="list-style-type: none">Discuss regarding the Principles of bioethics and application in clinical practiceEnumerate and describe professional qualities and roles of a physician and its application in clinical practice | Dr.Ashwini K Shetty Professor of Physiology SDUMC, Kolar & Dr.Geetha S Professor of Physiology SDUMC, Kolar |
| 12.00 pm to 1.00 pm | Research ethics | <ul style="list-style-type: none">EC FunctioningInformed consent processConfidentiality and PrivacyPublication ethics | Dr.Srinivasa Reddy P Professor of Forensic Medicine SDUMC, Kolar |
| 1.00 pm to 1.15 pm | Post Test & Feedback | | Dr.Rashmi G Professor of Ophthalmology SDUMC, Kolar |
| 1.15 pm to 2.00 pm | Lunch | | |
| 2.00 pm to 2.45 pm | Good clinical Practices | | Dr.Sarala N Director of Academic, SDUAHER Professor & HoD of Pharmacology SDUMC, Kolar |
| 2.45 pm to 3.30 pm | Good Laboratory Practices | | Dr.Arvind Natarajan Dean, AHS, SDUAHER Professor of Microbiology, SDUMC |
| 3.30 pm to 3.45 pm | Post Test & Feedback | | Dr.Rashmi G Professor of Ophthalmology SDUMC, Kolar |