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VEER NARMAD SOUTH GUJARAT UNIVERSITY
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વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

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ક્રમાંક:એકે/પરિપત્ર/૯૬૬૯/૨૦૨૧

તા.૦૮/૦૭/૨૦૨૧

પ્રતિ,
ડૉ. વિપુલ સોમાણી,
પ્રોફેસર એન્ડ હેડ,
ડીપાર્ટમેન્ટ ઓફ રૂરલ સ્ટડીઝ,
મહાત્મા ગાંધી ગ્રામઅભ્યાસ બિલ્ડીંગ,
વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી,
સુરત.

વિષય :- M.R.S.(SD) ના સેમેસ્ટર-૧ અને ૨ ના વિવિધ વિષયનો અભ્યાસક્રમ બાબત.

સુજ્ઞાત્રી,


સવિનય જણાવવાનું કે, શૈક્ષણિક વર્ષ ૨૦૨૧-૨૨ થી અમલમાં આવનાર મહાત્મા ગાંધી ગ્રામ અભ્યાસ વિભાગના તા. ૦૨/૦૭/૨૦૨૧ ના પત્રમાં જણાવ્યા મુજબ ગત વર્ષ MRS (SD) Sem-I અને Sem-II માં નીચે દર્શાવેલ સેમેસ્ટર-૧ અને સેમેસ્ટર-૨ ના પેપર્સમાં બદલાવ જરૂરી હોય તે બદલાવ કરીને સુધારેલ પેપર્સ વિષયના શિક્ષકો પાસે તૈયાર કરાવેલ જે સુધારેલ પેપર્સ બોર્ડ વતી બોર્ડના ચેરમેન તેમજ રૂરલ સ્ટડીઝ ફેકલ્ટીની મંજૂરીની અપેક્ષાએ રૂરલ સ્ટડીઝ ફેકલ્ટીનાં ડીનશ્રીએ મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ એકેડેમિક કાઉન્સિલે તેની તા. ૦૫/૦૭/૨૦૨૧ ની સભાનાં ઠરાવ ક્રમાંક: ૧૨ અન્વયે મંજૂર કરેલ છે. તેની જાણ સંબંધકર્તા શિક્ષકો અને વિદ્યાર્થીઓને કરવી, તદ્દુપરાંત તેનો અમલ કરવો.

Sr. No	Paper Code	Subject Name
Semester - I		
1.	MRSSD - 1.2	General Sociology
2.	MRSSD - 1.3	General Principal of Ecology and Environment
3.	MRSSD - 1.5	Developmental Writing, reading, and public speaking
Semester - II		
1	MRSSD - 2.2	Sociology of Development
2.	MRSSD - 2.4	Composition and interpersonal communication
3.	MRSSD - 2.6	General Principles of Ecology and Environment

એકેડેમિક કાઉન્સિલની તા.૦૫/૦૭/૨૦૨૧ ની સભાનાં ઠરાવ ક્રમાંક: ૧૨

:: આથી ઠરાવવામાં આવે છે કે, MRS (SD) Sem-I અને Sem-II ના ઉપરોક્ત અભ્યાસક્રમ બોર્ડવતી બોર્ડના ચેરમેન તેમજ રૂરલ સ્ટડીઝ ફેકલ્ટીની મંજૂરીની અપેક્ષાએ રૂરલ સ્ટડીઝ ફેકલ્ટીના ડીનશ્રીએ મંજૂર કરેલ હોય તે મંજૂર કરવામાં આવે છે.

બિડાણ: ઉપર મુજબ


ઈ.ચા.કુલસચિવ

પ્રતિ,

- ૧) ડીનશ્રી, ગ્રામઅભ્યાસ વિદ્યાશાળા,
- ૨) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.

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B.R.S.(SD) MRS(SD) FIVE YEARS INTEGRATED PROGRAM

BRS (SD) MRS (SD): 1.2 SEMESTER – 1

Subject: General Sociology

Unit 1 : Background of Sociology

Meaning and form of Sociology

Field of Sociology

Importance of Sociology

Emergence and Development of Sociology (India and West)

Sociological Point view

Sociological Perspective

Unit 2 : Social Action and Social Interaction

Meaning and Characteristics of Social Action

Elements of Sociology

Types of Social Action

Meaning and Characteristics of Social Interaction

Types of social Interaction

Co-operation, Conflict and Competition

Unit 3 : Social System and Social Group

Meaning and Characteristics of Social System

Functional Problem of Social System

Social Equilibrium

Meaning and Characteristics of Social Group

Types of social Group

Primary Group, Secondary Group

Unit 4 : Social Structure and Function

Meaning of Social Structure

Structural Aspects of Social System

Norms, Status and Role

Meaning and Types of Social Function

Manifest Function and Latent Function

MRS SD 1.3. General Principles of Ecology and Environment I:

Objectives

This course is designed to teach and train students the fundamentals of biology so that they can join the ever-growing number of biologists who strive to better understand the living world and our place in it. Because our environment is changing rapidly due to factors such as elevated levels of greenhouse gasses, increased rates of biological extinction, the alteration of patterns in the distribution and abundance of species (e.g., changing forests to pastures, grasslands to farms, or consuming most of the ocean's large predatory fish), there is a tendency to conflate environmental biology with environmentalism. While they are related, environmentalism is not science. Environmentalism is a philosophical, political, and personal perspective while environmental biology is a branch of the biological sciences. Environmental biology can form the foundation for environmental management (e.g., including farming, aquaculture, waste-water treatment, or forestry), recycling, pollution mitigation, restoration ecology, understanding climate change, public health, epidemiology, conservation biology, and much more. This course, however, is not about those complex topics per se, though we will refer to them from time to time. Rather, this course is about the fundamental biological principles behind all those topics.

Unit - I

Need for the study of environment and ecology

Unit – II

The balance of nature, self versus non-self, Origin of life from Unicellular to multi-organ systems

Unit – III

Evolution of life on earth and variations, Evolutionary mechanisms- population genetics, role of inheritance and genetics, Darwinian Principles

Unit - IV

Ecology and ecosystems – concept, meaning and types

REFERENCES

1. Agarwal, K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner.
2. Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad -380 013, India, Email:mapin@icenet.net (R)
3. Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
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14. Miller T.G. Jr. Environmental Science, Wadsworth Publishing Co. (TB)
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17. Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut.
18. Survey of the Environment, The Hindu (M)
19. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science.
20. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (R)
21. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (TB)
22. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p
(M) Magazine (R) Reference (TB) Textbook

MRSSD 1.5 Developmental Writing, Reading and Public Speaking

➤ **Aim of the Course:**

- Development of Receptive (Listening, Reading) skill
- Development of Expressive (Speaking, Writing) skill
- Using correct English as a medium of communication
- Improvement of students' vocabulary

➤ **Objective of the Course:**

After completion this course, the student should be able to:

- Student can speak English with an unaffected accent using stress and intonation
- Student can start academic writing
- Use English language in a more meaningful way with an enriched word power

Unit-1

- Article
- Part of Speech
- Synonyms
- Antonyms
- Conjunction

Unit-2

- Tenses
- Sentence Making
- Active and Passive Voice
- Model Auxiliaries
- Question Tag

Unit-3

- Self-Introduction
- Dialogue Writing
- Paragraph Writing

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BRS (SD) MRS (SD): 2.2 SEMESTER – 2

Subject: Sociology of Development

OBJECTIVES:

This paper will help to the students understand and inculcate with explain of development and Progress: Economic and Social Dimensions, Change, Modernisation and Development, Social, Human and Gender Development and Sustainable Development in the context of globalization.

Unit: 1. Development and Progress: Economic and Social Dimensions

- Introduction
- Understanding of Development and Progress
- Development as Growth, Change and Modernisation
- Development and its Impact.
- Capitalist, Socialist and Third World Models of Development
- Development: Social and Human Dimensions
- Paradigm Shift in Development Strategies

Unit: 2. Change, Modernisation and Development

- Introduction
- Social Change: Concept, Characteristics and Causes
- Modernisation: Concept and Features
- Development: Conditions and Barriers
- Observations About Recent Development Experience

Unit: 3. Social, Human and Gender Development

- Introduction
- Development as Realisation of Human Potential
- Impact of Development on Women
- Women as a Constituency in Development Policies
- Identification of Gender Need, Role and Strategy
- Perspectives on Women and Development

Unit: 4. Sustainable Development

- Introduction
- Sustainable Development: Historical Context
- Sustainable Development: Genesis and Evolution
- Concept of Sustainable Development as Defined in Our Common Future (1987)
- Criticisms of the Concept of Sustainable Development
- Globalisation and Future of Sustainable Development

References:

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- Salunkhe, S.A. 2003. "The Concept of Sustainable Development: Root, Connotations and Critical Evaluation", Social Change Vol. 33, No. 1, pp. 67-80

MRSSD 2.4 Composition and interpersonal communication

➤ **Aim of the Course:**

- Development of Receptive (Listening, Reading) skill
- Development of Expressive (Speaking, Writing) skill
- Using correct English as a medium of communication
- Improvement of students' vocabulary

➤ **Objective of the Course:**

After completion this course, the student should be able to:

- Student can speak English with an unaffected accent using stress and intonation
- Student can start academic writing
- Use English language in a more meaningful way with an enriched word power

Semester: 2

Unit-4

- Direct-Indirect Speech
- Clause
- Find the error

Unit-5

- Change the Degree
- Change the Sentence (Assertive, Interrogative, Affirmative, Negative)
- Transformation of Sentence (Simple, Complex and Compound)

Unit-6

- Letter Writing (Formal Letter)
- Application with CV Writing
- Report Writing

MRS SD 2.6 General Principles of Ecology and Environment II:

Objectives

This course further enhances the learning of students in fundamentals of biology so that they can join the ever-growing number of biologists who strive to better understand the living world and our place in it. Because our environment is changing rapidly due to factors such as elevated levels of greenhouse gasses, increased rates of biological extinction, the alteration of patterns in the distribution and abundance of species (e.g., changing forests to pastures, grasslands to farms, or consuming most of the ocean's large predatory fish), there is a tendency to conflate environmental biology with environmentalism. While they are related, environmentalism is not science. Environmentalism is a philosophical, political, and personal perspective while environmental biology is a branch of the biological sciences. Environmental biology can form the foundation for environmental management (e.g., including farming, aquaculture, waste-water treatment, or forestry), recycling, pollution mitigation, restoration ecology, understanding climate change, public health, epidemiology, conservation biology, and much more. This course, however, is not about those complex topics per se, though we will refer to them from time to time. Rather, this course is about the fundamental biological principles behind all those topics.

Unit – I

Flow of energy in ecosystem, respiration, photosynthesis

Unit – II

Flow of nutrients and in ecosystem- food chain and food web, the biosphere

Unit – III

Components of environment- Lithosphere (land) Anthrosphere (manmade environment), Hydrosphere (water) Atmosphere (air) Biosphere (flora/fauna/microbes)

Unit – IV

Changes in ecosystem and environment- natural and manmade

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2. Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad -380 013, India, Email:mapin@icenet.net (R)
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