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Swami Ramanand Teerth Marathwada University, Nanded.

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*Revised Curriculum of
Six monthly Core module Course in
Environmental Studies*
(For Final Year of First Degree Course of All Faculties)

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W.e.f. : June, 2009.
2009 2009 2009 2009



**Six Monthly Core Module Course in
Environmental Studies**
(For Undergraduate Courses of all Branches of Higher Education)

Unit I : Introduction & Natural Resources :

Environment : Definition, Scope, Importance, Need for public awareness.

Natural Resources : Renewable and Non Renewable resources, Natural resources and associated problems.

a) **Forest Resources :** Utility and natural renewal balance, Uses and over exploitation of forest resources, Deforestation case studies, Mining, Dams and their effects on forests.

b) **Water Resources :** Uses of water, Over utilization of surface and ground water, Floods, Draughts, Dams : Benefits and problems.

c) **Mineral Resources :** Environmental effects of extracting and using mineral resources.

d) **Agricultural Resources :** Changes caused by agriculture and overgrazing, Effects of modern agriculture, Fertilizer and pesticide problems, Water logging, Salinity.

e) **Land Resources :** Land as a resource, Effects on productivity, Man induced landslides, Soil erosion, Desertification

f) **Energy Resources :** Needs, Types of energy and quantities available, Growing energy needs, renewable and non renewable energy resources, Use of alternate energy sources.

Unit II : Ecosystems :

Concepts of an ecosystems, Structure and function of an ecosystem, Producers, Consumers, and Decomposers, Energy flow in an ecosystem, Ecological succession, Food chain, Food webs, Ecological pyramids,

Introduction, Types, Characteristic features & Structure of following ecosystems (01) Forest ecosystem, (02) Grassland ecosystem, (03) Desert ecosystem (04) Aquatic ecosystem (Ponds, Streams, Lakes, Rivers, Oceans, Estuaries).

Unit III : Biodiversity and its conservation :

Introduction, Definition, Biogeographical classification of India, Value of Biodiversity : Productive use, Social, Ethical, Aesthetic, and option values, India as a mega diversity nation, Endangered and endemic species of India, Conservation of biodiversity.

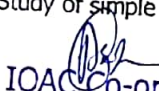
Unit IV : Environmental pollution and its mitigation :

Definition of Pollution; Causes, effects and control measures of (A) Air pollution, (B) Water pollution, (C) Soil pollution, (D) Noise pollution

Solid waste management : causes, effects and control measures of urban and industrial wastes, nuclear hazards, Environmental hazards and their mitigation, Role of an individual in pollution and abatement.

Unit V : Field Work :

01. Visit to local area to document environmental assets – River, Forest, Grass-land, Hill, Mountain etc.
02. Visit to local polluted site : Urban, Industrial, Agricultural
03. Study of common plants, Insects, birds etc,
04. Study of simple ecosystems : Pond, River, Hill, Slopes etc.

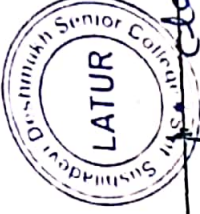

IQAC co-ordinator

Smt. Sushiladevi Deshmukh
Senior College, Latour


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Smt. Sushiladevi Deshmukh
Senior College, LATUR



Environment project List



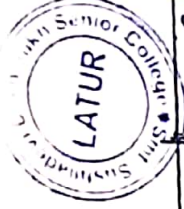
| Sr. No. | Name of the students | Title of the project. | Place of work. | Academic |
|---------|----------------------------|--|----------------|----------|
| 1 | Jadhav Krishna Narayan | आपला भारत वाळवंटीकरणाच्या वारेवर- एक पर्यावरणीय उपायत्मक अभ्यास | BATY | 2023-2 |
| 2 | Shaikh Bushira Amir | संकरीत अन्न आणि मानवी आरोग्यविषयक दृष्टी - एक अभ्यास. | BATY | 2023-2 |
| 3 | Rautwar Maruti Ramrao | भूखळन. आपलीच पर्यावरणीय अभ्यास | BATY | 2023-24 |
| 4 | Kale Rutuja Ramakant. | लुणनाशके, क्लिकनाशके व जंतूनाशके यांचे विपरीत परिणाम - एक प. अभ्यास | BATY | 2023-24 |
| 5 | Shingore Manali Dattakumar | जमीनीची दूय - एक पर्यावरणीय अभ्यास | BATY | 2023-24 |
| 6 | Todkani Divya Ramakant | नैसर्गिक आपली - एक पर्यावरणीय अभ्यास | BATY | 2023-24 |
| 7 | Shaikh Shebnam Mustafa | किल्लारी, भूकंप - एक पर्यावरणीय आपली | BATY | 2023-24 |
| 8 | Muske Nilesh Balaji | केरळ. आपली - एक पर्यावरणीय दृष्टीसंप | BATY | 2023-24 |



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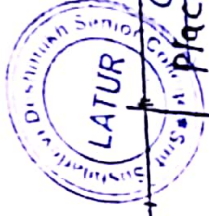
| Sr. No. | Name of the students | Title of the project. | Class | Academic Year |
|---------|------------------------------|--|----------|---------------|
| 9 | Sarwade Ketan Rani | जागतिक गवनाळ प्रश्न - एक पर्यावरणीय अभ्यास | B.A.T.Y. | 2023-24 |
| 10 | Kumble Karan Vijaykumar | भारतसुलभ नैसर्गिक वनसंपदा - एक अभ्यास | B.A.T.Y. | 2023-24 |
| 11 | Mahipati Manoj Yogesh | नैसर्गिक पेयजल सलंकन - एक पर्यावरणीय दृष्टिकोन | B.A.T.Y. | 2023-24 |
| 12 | Suryawanshi Ashelata Ambadas | (Covid-19) काळाला मानवी जीवन - एक दृष्टिकोन | B.A.T.Y. | 2023-24 |
| 13 | Shinde Ankita Naranath | जागतिक सागरसंपदा - एक पर्यावरणीय अभ्यास | B.A.T.Y. | 2023-24 |
| 14 | Shelar Aditya Sanjay | परिसंस्थांचे प्रकार आणि पर्यावरणीय महत्त्व. | B.A.T.Y. | 2023-24 |
| 15 | Derkarte Khamuk Abasheh | माळीण भूखलन - एक पर्यावरणीय दृष्टिकोन | B.A.T.Y. | 2023-24 |

Environment project List



| Sr. No. | Name of the students | Title of the project. | class Place of work. | Academy |
|---------|---|--|--|--|
| 16 | Khairi Akshay Balaji | औद्योगिक रक्षाचे पर्यावरणावर होणाऱे विपरित परिणाम - एक अभ्यास | B A T Y | 2023-24 |
| 17 | PratikDad Dharmmapal Abhimanyu | सहस्राब्दालील व्याघ्र प्रकल्प - एक पर्यावरणीय अभ्यास | B A T Y | 2023-24 |
| 18 | Pujari Mahadev Shiraji | वैद्यकीय कचरा - एक पर्यावरणीय समस्या | B A T Y | 2023-24 |
| 19 | Shaikh Sohel Nabi | आपला भारत - अगाच भारतात एक पर्यावरणीय दृष्टी | B A T Y | 2023-24 |
| | | ... | | |
| | IQAC Co-ordinator Smt. Sushiladevi Deshmukh Senior College, Latur |  |  PRINCIPAL | Smt. Sushiladevi Deshmukh Senior College, Latur |

Geography Project List



| Sr. No. | Name of the students | Title of the project. | class Place of work. | Academicy |
|---------|--------------------------------|--|-------------------------|-----------|
| 1 | Mame Aishwarya Bapurao | जागतिक प्रमुख नद्या - एक अभ्यास | BAFY | 2023-24 |
| 2 | Bansode Buddhahusara piraji | जागतिक महासागर - एक अभ्यास | BAFY | 2023-24 |
| 3 | Sayyad Ibrahim Hamid | प्राकृतिक, दारुणांचे पत्राविरुद्धी महत्त्व | BAFY | 2023-24 |
| 4 | Traikwad Pramali Kundalik | खडक आणि मृदा: एक नैसर्गिक देणगी | BAFY | 2023-24 |
| 5 | Kamble omkar Balaji | भूकंप - कारणे व परिणाम | BAFY | 2023-24 |
| 6 | charan BhogDam Sanjay | सूक्ष्ममालेलीन सजीव वृह-पृथ्वी | BAFY | 2023-24 |
| 7 | Panchal Shridhar Sangram | भारतातील नद्यांची भू-रूपे | BAFY | 2023-24 |
| 8 | Zade pralhad purajyi | जमीन एक संपदा - एक अभ्यास | BAFY | 2023-24 |

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Manjara Charitable Trust's

SMT.SUSHILADEVI DESHMUKH SENIOR COLLEGE, LATUR.

Department of Geography

Project Work (2023-2024)

Certificate

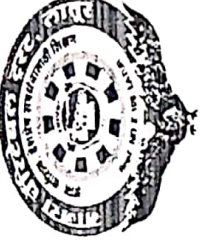
This is to certify that Mr. /Ms. पुत्री मंजुषा दिवाजी

of Bachelor of Arts First/Second/Third Year has successfully completed the Project work in
Environmental Studies on अनेकार्थकी व अनेकार्थीकः एव पर्यावरणीय अर्थ्यास


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Manjara Charitable Trust's

SMT.SUSHILADEVI DESHMUKH SENIOR COLLEGE,LATUR.

Department of Geography

Project Work (2023-2024)


Certificate

This is to certify that Mr. /Ms. _____

श्री. शिवाजी पुत्राजी

of Bachelor of Arts First/Second/Third Year has successfully completed the Project work on

जमीन एक संयुक्त: जमीनीची एक - एक अभ्यास


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SMT. SUSHILADEVI DESHMUKH SENIOR COLLEGE LATUR

Class: BATY

Academic Year: 2023-24

Environmental Studies

Project Work

Certificate Distribution

| SR NO | Name of the Students | Sign |
|-------|--------------------------------|------|
| 1. | Jadhav Krishna Narayan | |
| 2. | Ghadat Birshik Amis | |
| 3. | Rautero Maruti Ramkno | |
| 4. | Kale Rutuja Ramrajant | |
| 5. | Gingare Manali Dattatraya | |
| 6. | Bobkari Anaya Ramrajant | |
| 7. | Ghadat Shabnam Mustafa | |
| 8. | Maske Alitesh Balaji | |
| 9. | Setwade Ketan Dadi | |
| 10. | Kamble Karan Vijaykumar | |
| 11. | Mahipati Manoj Yogen | |
| 12. | Gurjyawanshi Anshika Anubhadra | |
| 13. | Ghonde Ankit Namath | |
| 14. | Ghelar Aditya Ganjay | |
| 15. | Derkale Khandu Abasaheb | |
| 16. | Khalre Akshay Balaji | |



Manjara Charitable Trust's

SMT. SUSHILADEVI DESHMUKH SENIOR COLLEGE LATUR

Class: BATY

Academic Year: 2023-24

Environmental Studies : Geography

Project Work

Certificate Distribution

| SR NO | Name of the Students | Sign |
|-------|----------------------------|------|
| 01. | Mame Aishwarya Bapuro | |
| 02. | Bansode Anubhushan Poojaji | |
| 03. | Sayed Ibrahim Hanid | |
| 04. | Gajwad Pranali Pundlik | |
| 05. | Zamble Omkar Balaji | |
| 06. | Charan Bhagwan Ganjat | |
| 07. | Pandit Chaitanya Sangam | |
| 08. | Zade Prakash Poojaji | |
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