Yashwantrao Chavan Maharashtra Open University
Dnyangangotri Near Gangapur Dam, Nashik, Pin Code-422222, Maharashtra(India)

# Programme Structure Scheme

# For

# Post Graduate,
# 2 Year(s) Master Degree Program in

## School of Science & Technology

## Master of Science (Environmental Science)(V58 - M.Sc. (Environmental Science))

(Credits System)

## (2015 Pattern-Regular)

Programme Code: V58

## Publisher's Note

This Yashwantrao Chavan Maharashtra Open University has great Pleasure in publishing this programme structure for Post Graduate programme for 2 Year(s) Master Degree Program as "Master of Science (Environmental Science)" (2015 Pattern - Regular) under the School of "School of Science & Technology".

On behalf of the University, I thank experts and authorities of the University for the interest taken and the whole hearted co-operation extended by them in bringing out this publication.

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Yashwantrao Chavan Maharashtra Open
University,Dnyangangotri Near Gangapur Dam,
Nashik, Pin Code-422222, Maharashtra(India) Registrar

**Programme Objective(s)**

1. The curriculum of thisScience discipline programme aims to produce "Science Expert", who can thick logically and creatively about the real problems encountered in a society and industry, by applying basic concepts, priniples and scientific approach creatively and effectively to satisfy the required defined needs.

**The Master of Science (Environmental Science) Consists of following 2 programme part(s):**

| Sr.No. | Programme Part Name | Programme Part Abbrevation | Examination Pattern |
|---|---|---|---|
| 1 | Master of Science (Environmental Science) Year 1 | Year 1 | Semester |
| 2 | Master of Science (Environmental Science) Year 2 | Year 2 | Semester |

**The Master of Science (Environmental Science) is available in following medium of instruction/s:**

1. English

**Programme Part: Year 1** Separate Passing Head: No, Min: 0, Max: 800, Total Credits: 32.00

**Term: Semester 1** Separate Passing Head: No, Min Courses: 4, Max Courses: 4, Min:0,Max:400, Total Credits: 16.00

**The courses for Year 1 - Semester 1 are classified into following groups:**

**1.Compulsory Group** (Min Courses: 4, Max Courses: 4,
Separate Passing Head: No, Max. Marks: 400)
Select minimum 4 course(s)
Select maximum 4 course(s)
Courses:

| | |
|---|---|
| S27011 | Environmental Science and Ecology |
| S27012 | Environmental Engineering |
| S27013 | Natural Resources and Their Conservation |
| S27014 | Lab Activities on S27011, S27012 and S27013 |

**Term: Semester 2** Separate Passing Head: No, Min Courses: 4, Max Courses: 4, Min:0,Max:400, Total Credits: 16.00

**The courses for Year 1 - Semester 2 are classified into following groups:**

**1.Compulsory Group** (Min Courses: 4, Max Courses: 4,
Separate Passing Head: No, Max. Marks: 400)
Select minimum 4 course(s)
Select maximum 4 course(s)
Courses:

| | |
|---|---|
| S27021 | Pollution and Health and Hazards |
| S27022 | Environmental Statistics & Computer Application |
| S27023 | Environmental Pollution and Control |
| S27024 | Lab Activities on S27021, S27022 and S27023 |

**Programme Part: Year 2** Separate Passing Head: No, Min: 0, Max: 800, Total Credits: 32.00

**Term: Semester 3** Separate Passing Head: No, Min Courses: 4, Max Courses: 4, Min:0,Max:400, Total Credits: 16.00

**The courses for Year 2 - Semester 3 are classified into following groups:**

**1.Compulsory Group** (Min Courses: 4, Max Courses: 4,
Separate Passing Head: No, Max. Marks: 400)
Select minimum 4 course(s)
Select maximum 4 course(s)
Courses:

| | |
|---|---|
| S27031 | Environmental Monitoring and Energy Studies |
| S27032 | Natural Resources and Instrumentation |
| S27033 | Environmental Microbiology, Toxicology and Chemistry |
| S27034 | Lab Activities on S27031 and S27033 |

**Term: Semester 4** Separate Passing Head: No, Min Courses: 4, Max Courses: 4, Min:0,Max:400, Total Credits: 16.00

**The courses for Year 2 - Semester 4 are classified into following groups:**

**1.Compulsory Group** (Min Courses: 4, Max Courses: 4,
Separate Passing Head: No, Max. Marks: 400)
Select minimum 4 course(s)
Select maximum 4 course(s)
Courses:

| | |
|---|---|
| S27041 | Environmental Education, Policies and Legislation |
| S27042 | Environmental Management - Land, Soil and Water |
| S27043 | Environmental Geo-science |
| S27044 | Project - Work |