

ORDINANCE - 49

MASTER OF ENVIRONMENTAL SCIENCE (M. En. Sc.)

1. Duration : The course for the degree of Master of Environmental Science shall consist of two parts spread over two academic sessions :
2. Eligibility : A candidate having degree of Bachelor of Science, Home Science, Agriculture, Medicine, Ayurveda, Engineering with 50% marks and 45% for SC/ST/OBC/ candidates of this University or any other University / deemed University / Institution recognised by the University shall be eligible for admission to this course.
3. Admission : The admission shall be strictly on the basis of marks obtained by the eligible candidate at the entrance examination held by the University for the purpose.
4. Reservation : Reservation of seats shall be as per the rules of Madhya Pradesh Government framed for the purpose from time to time.
5. A candidates after being admitted to the course and completing a regular course of study prescribe by the Board of Studies for one academic year shall be admitted to the previous examination for the degree of Master of Environmental Science.
6. Candidates after passing the previous examination of Master Environmental Science of the University and completing a regular course of study prescribe by the Board of Studies for one academic year shall be admitted to the final examination of Mater of Environmental Science. For both the previous and final examinations
7. A candidate shall be declared successful on obtaining atleast 20% marks in each paper separately and 40% marks in aggregate of Theory/Practical/Project separately.
8. The result of Master of Environmental Science Previous examination shall be declared as pass and fail .
9. The division in which a candidate is placed shall be determined on the basis of the aggregate of marks combinedly obtained in both, the Master of Environmental Science Previous and Final examinations. The division shall be given in the marks statement of final examination.
10. Division shall be awarded on the following basis :

- First Division with distinction	75% and above marks in aggregate.
- First Division	60% and above but below 75% in aggregate.
- Second Division	50% and above but below 60% in aggregate.
- Pass	40% and above but below 50% in aggregate.
11. The general clauses of ordinances for examinations, maintenance of discipline, etc. shall be applicable to the students of this course.

INDRA GANDHI ACADEMY OF ENVIRONMENTAL EDUCATION
RESEARCH AND ECOPLANNING,
JWVAJI UNIVERSITY GWALIOR.
PAPERS AND SCHEME OF EXAMINATION

MASTER OF ENVIRONMENTAL SCIENCE (PREVIOUS) EXAMINATION

PAPER	TITLE	MARKS
I	Fundamentals of Ecology and Environmental Science	100
II	Human Ecology, Cultural and Social Anthropology and major Global Issues.	100
III	Resources, Non-conventional Energy Sources.	100
IV	Pollution, Environmental Impact Assessment (EIA) and Waste Management.	100
V	Environmental Economics, Planning and Sustainable Development.	100
VI	Environmental Policies and Laws	100
	Practical	150
	Project	150
TOTAL		900

MASTER OF ENVIRONMENTAL SCIENCE (FINAL)

PAPER	TITLE	MARKS
I	Forestry, Wildlife Management, Biodiversity and Conservation.	100
II	Siting of Industries and Environmental Planning.	100
III	Environmental Hazards, Disaster Management, Waste Treatment and Recycling.	100
IV	Environmental Biotechnology, Risk Assessment and Environmental Toxicology.	100
V	Surveying, Photo-interpretation and Remote sensing	100
IV	Statistical Methods and Computer Programming	100
	Practical	150
	Project	150
TOTAL		900
GRAND TOTAL		1800

INDIRA GANDHI ACADEMY OF ENVIRONMENTAL
EDUCATION, RESEARCH AND ECOPLANNING,
JIWAJI UNIVERSITY, GWALIOR
SCHEME OF THE EXAMINATION
MASTER OF ENVIRONMENTAL SCIENCE
(TWO YEAR COURSE)

There shall be six theory papers, each of 100 marks for M.En.Sc.(Previous) and M.En.Sc.(Final). Each paper shall be divided into five units and the candidates shall be required to answer one question from each unit.

There shall be one practical of 150 marks in each class (M.En.Sc.(Previous) and M.En.Sc.(Final) which shall have 30 marks for sessional and remaining 120 marks for the exercises and Viva-Voce. The Practical examination shall be conducted by an external and an internal examiner jointly.

The candidate shall also undertake a project work involving field study/training/laboratory work and submit its report in each academic year M. En. Sc. (Previous) and M.En.Sc.(Final). A board of two examiners - one external and one internal, shall examine the report and conduct the Viva-Voce examination on it, and award marks out of 150.

MASTER OF ENVIRONMENTAL SCIENCE M.En.Sc. (Part-Time)

Duration: The course for the degree of Master of Environmental Science (Part - Time) shall consist of three parts spread over three academic sessions.

Eligibility: A candidate having degree of Bachelor of Science, Home Science, Agriculture, Medicine, Ayurveda Engineering of this University or any other University/deemed University / Institution recognised by the University and have atleast two year's experience of working in an industry/NGO /Institute/ Organisation shall be Eligible for admission to this course.

Admission Admission to the course shall be accorded to the candidates strictly on merit. The details of admission shall be finalised by the department with the approval of Kulpati and published every year in the Information Bulletin.

A candidate being admitted to the course and completing a regular course of study prescribed by the Board of Studies for one academic year shall be admitted to part - I Examination for the degree of Master of Environmental Science (Part-Time).

A candidate after passing the Part-I Examination of Master of Environmental Science (Part-Time) of the University and completing a regular course of study prescribed by Board of Studies for one academic year shall be admitted to Part- II Examination for the degree of Master of Environmental Science (Part-Time).

A candidate after passing the Part-II Examination of Master of Environmental Science (Part-Time) of the University and completing a regular course of study prescribed by the Board of Studies for one academic year shall be admitted to Part III examination for the degree of Master of Environmental Science (Part-time).

For all the three part examinations a candidate shall be declared successful on obtaining atleast 20% marks in each paper separately and 40% marks in aggregate of theory / practical / project separately.

The results of Parts I and II of Master of Environmental Science (Part - Time) shall be declared as Pass and Fail.

The division in which a candidate is placed shall be determined on the basis of the aggregate of the marks combinedly obtained in Parts I, II and III examinations of Master of Environmental Science (Part- Time). The division shall be given in the marks statement of Part III examination.

The division shall be awarded on the following basis:

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|-----------------------------------|---|
| - First division with distinction | 75% and above marks in aggregate |
| - First Division | 60% and above but below 75% marks in aggregate |
| - Second Division | 50% and above but below 60% marks in aggregate |
| - Pass | 40% and above but below 50% marks in aggregate. |

The general classes of ordinances for examination, maintenance of discipline, etc. shall be applicable to the students of this course.

INDIRA GANDHI ACADEMY OF ENVIRONMENTAL EDUCATION
 RESEARCH AND ECOPLANNING,
 JIWAJI UNIVERSITY, GWALIOR
 PAPERS AND SCHEME OF EXAMINATION
 MASTER OF ENVIRONMENTAL SCIENCE (PART - I)
 TITLE

TITLE	MARKS
Fundamentals of Ecology and Environmental Science	100
Human Ecology, Cultural and Social Anthropology and Major Global issues.	100
Resources, and Non-conventional Energy Sources	100
Pollution, Environmental Impact Assessment (EIA) and Waste management.	100
Practical	200

 600
 MARKS

MASTER OF ENVIRONMENTAL SCIENCE (PART - II)
 TITLE

Forestry, Wildlife Management, Biodiversity and conservation.	100
Environmental Hazards, Disaster Management, Waste Treatment and Recycling.	100
Environmental Biotechnology, Risk Assessment and Environmental Toxicology.	100
Surveying, Photointerpretation and Remote sensing	100
Practical	200

 600

MASTER OF ENVIRONMENTAL SCIENCE (PART - III)
 TITLE

TITLE	MARKS
Environmental Economics, Planning and sustainable Development.	100
Environmental Policies and Laws	100
Siting of Industries and Environmental Planning	100
Statistical Method and Computer Programming	100
Project	200

 600

GRAND TOTAL 1800

INDIRA GANDHI ACADEMY OF ENVIRONMENTAL EDUCATION,
RESEARCH AND ECOPLANNING,
JIWAJI UNIVERSITY, GWALIOR
SCHEME OF EXAMINATION
MASTER OF ENVIRONMENTAL SCIENCE (M.En.Sc.)
(PART-TIME THREE YEAR'S COURSE)

There shall be four theory papers, each of 100 marks for M. En. Sc. (Part Time) parts I, II and III each Paper shall be divided into five units and the candidates shall be required to answer one question from each unit.

There shall be one practical of 200 marks in Part I and II which shall have 40 Marks in sessional and 160 marks for exercises and viva-voce. The practical examination shall be conducted by an external and internal examiner jointly.

The candidate shall have to undertake a project work involving field study / training / laboratory work and submit its report as the part- fulfilment of Part III examination. A Board of two examiners- one external and one internal, shall examine the report and conduct the viva-voce examination on it and award marks out of