

# Mahakaushal University, Jabalpur, Madhya Pradesh

## Scheme For Post-Graduation Programme Subject – ENVIRONMENTAL SCIENCE

Session 2025-26

### Scheme B-1 (For Course with Major Practicum Component)

Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Internship/Apprenticeship/Seminar OR Value Added Course (VAC) (CHM/EESC)	Total Credits
First Year	Sem I	400 400	MEVS0101-T (6 Credits) MEVS0102-T (6 Credits)	MEVS0101-P (4 Credits) MEVS0102-P (4 Credits)	Internship/Apprenticeship OR Seminar (2 Credits)	22
	Sem II	400 400	MEVS0201-T (6 Credits) MEVS0202-T (6 Credits)	MEVS0201-P (4 Credits) MEVS0202-P (4 Credits)	VAC (CHM) (2 Credits)	22

*Note: Students who exit at the end of 1<sup>st</sup> year shall be awarded a Postgraduate Diploma*

OPTION – 1: Only Course Work						
Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Internship/Apprenticeship/Seminar OR Value Added Course (VAC) (CHM/EESC)	Total Credits
Second Year	Sem III	500 500	MEVS0301-T (6 Credits) MEVS0302-T (6 Credits)	MEVS0301-P (4 Credits) MEVS0302-P (4 Credits)	Internship/Apprenticeship (2 Credits) OR Seminar/Cyber Security (2/4 Credits)	22/24
	Sem IV	500 500	MEVS0401-T (6 Credits) MEVS0402-T (6 Credits)	MEVS0401-P (4 Credits) MEVS0402-P (4 Credits)	VAC (EESC) (2 Credits)	22

## Mahakaushal University, Jabalpur, Madhya Pradesh

OPTION – 2: Only Course Work & Research Work						
Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Seminar/Research thesis/Project/Patent	Total Credits
<b>Second Year</b>	<b>Sem III</b>	<b>500</b> <b>500</b>	MEVS0301-T (6 Credits) MEVS0302-T (6 Credits)	MEVS0301-P (4 Credits) MEVS0302-P (4 Credits)	Internship/Apprenticeship (2 Credits) OR Seminar/Cyber Security (2/4 Credits)	<b>22/24</b>
	<b>Sem IV</b>	-	-	-	Research thesis/Project/Patent (22 Credits)	<b>22</b>
OPTION – 3: Only Research Work						
Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Seminar/Research thesis/Project/Patent	Total Credits
<b>Second Year</b>	<b>Sem III</b>				Research thesis/Research Project/Patent (22 Credits)	<b>22</b>
	<b>Sem IV</b>				Research thesis/Research Project/Patent (22 Credits)	<b>22</b>

- Note:**
1. Research Centres have the choice of running all the OPTIONS mentioned above
  2. Students having 4 years Under Graduate Degree (Honours/Honours with Research) are eligible for direct lateral entry in the Semester-III of 2-year PG Programme



# Mahakaushal University, Jabalpur, Madhya Pradesh

## Internal and External Marks Evaluation for PG Programme

Course/ Subject code	Paper Name	Credits	Distribution of Theory Marks		Distribution of Practicum/Tutorial/Assignment/ Internship/Apprenticeship /Seminar		Total Marks
			Internal Evaluation (Through CCE)	External Evaluation (Term End Examination)	Internal Evaluation (Through CCE)	External Evaluation (Term End Examination)	
MEVS0101-T	Environmental pollution and environmental chemistry	6	40	60			100
MEVS0102-T	Population ecology	6	40	60			100
MEVS0101-P	Environmental pollution and environmental chemistry	4			40	60	100
MEVS0102-P	Population ecology	4			40	60	100
MEVS0201-T	Environmental biotechnology and instrumentation techniques	6	40	60			100
MEVS0202-T	Biodiversity and conservation	6	40	60			100
MEVS0201-P	Environmental biotechnology and instrumentation techniques	4			40	60	100
MEVS0202-P	Biodiversity and conservation	4			40	60	100
MEVS0301-T	Environmental microbiology	6	40	60			100
MEVS0302-T	Biostatistics and computer application	6	40	60			100
MEVS0301-P	Microbial analysis and sampling techniques	4			40	60	100
MEVS0302-P	Statistical computation of data, computer and internet	4			40	60	100
MEVS0401-T	Waste utilization and management for energy production	6	40	60			100
MEVS0402-T	Environmental resources and monitoring techniques	6	40	60			100
MEVS0401-P	Statistical computation of data, computer and internet	4			40	60	100
MEVS0402-P	Environmental resources, remote sensing and GIS	4			40	60	100
<b>Assignment/Seminar</b>		2			100		100
<b>Value Added Courses VAC: CHM/EESC/Cyber Security</b>		2/4		100			100
<b>Research Thesis/Project/Patent</b>		22	40	60			100
<b>Internship/Apprenticeship</b>		<i>Note: Marks (out of 100) to be awarded by the concerned organization</i>					100
<b>Dissertation</b>	<i>Note: (i) Marks (out of 50) to be awarded by External Examiner on the final Dissertation submitted by the student (ii) Marks (out of 50) to be awarded by External Examiner in coordination with the Internal Examiner(s) during Open-Presentation/Viva-Voce</i>						100

# Mahakaushal University, Jabalpur, Madhya Pradesh

## Pattern of Marks Distribution THEORY PAPER for NEP PG courses

### Assessment and Evaluation

Recommended Continuous Assessment Methods:- (It may vary for respective course subject but TOTAL marks distribution will remain same) <b>Maximum Marks: 100</b> Continuous Comprehensive Evaluation (CCE): 40 Marks University Examination: 60 Marks		
<b>Internal Assessment:</b> Continuous Comprehensive Evaluation (CCE):	<b>Class Test</b> <b>Assignment/Presentation</b>	20 Marks 20 Marks <b>Total Marks = 40</b>
<b>External Assessment:</b> University Examination: Time: 3 Hours	<b>Section (A)</b> - Five very short answer questions (20 words each) <b>Section (B)</b> - Five short answer questions (200 words each) <b>Section (C)</b> - Two long answer questions (500 words each)	<b>02 Marks x 05 Questions = 10 Marks</b> <i>(All 5 Questions to be attempted)</i> <b>06 Marks x 05 Questions = 30 Marks</b> <i>(5 Questions to be attempted out of total 8 Questions)</i> <b>10 Marks x 02 Questions = 20 Marks</b> <i>(2 Questions with each having internal choice)</i> <b>Total Marks = 60</b>

## Pattern of Marks Distribution PRACTICAL PAPER for NEP PG courses

### Assessment and Evaluation

Suggested Continuous Evaluation Methods: (It may vary for respective course subject but TOTAL marks distribution will remain same)			
<b>Internal Assessment</b>	<b>Marks</b>	<b>External Assessment</b>	<b>Marks</b>
Class Interaction /Quiz	15	Viva Voce on Practical	10
Attendance in the lab	10	Practical Record File	10
Assignments (Charts/ Model Seminar / Rural Service/ Technology Dissemination/ Report of Excursion/ Lab Visits/ Survey / Industrial visit)	15	Table work / Experiments	40
<b>TOTAL</b>	<b>40</b>		<b>60</b>