

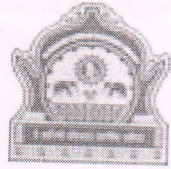
Course Objective(s)

The Master of Management Science Water & Land Management consists of following 2 course parts

S. No.	Course Title	Year	Semester
1	M.M.S. Water & Land Management Part I	First Year	September
2	M.M.S. Water & Land Management Part II	Second Year	February

The Master of Management Science Water & Land Management is available in English medium of instruction.

1. English



Dr. Babasaheb Ambedkar Marathwada University  
University Campus, Aurangabad-431004, Maharashtra(India),  
Recognized by UGC U/s 2(f) and 12(B), NAAC Reaccredited with "A" Grade

**Course Structure Scheme**  
**For**  
**Post Graduate,**  
**2 Year(s) Master Degree Program in**

**Faculty of Management**

**Master of Management Science Water & Land Management(M.M.S.**  
**Water & Land Management)**  
**(Credits System)**

**(P-2016 Subcenter-Regular)**

Course Code: -

*Natuj*  
Head

Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

Term III Summary

The papers for Second Year

Compulsory Group A  
Subject: English  
Subject: Hindi  
Subject: Sanskrit

1. M.M. 231	Integrated Hindi
2. M.M. 232	Management of Human Resources
3. M.M. 233	Management of Finance
4. M.M. 234	Management of Marketing
5. M.M. 235	Management of Operations

### Publisher's Note

This Dr. Babasaheb Ambedkar Marathwada University has great Pleasure in publishing this course structure for Post Graduate course for 2 Year(s) Master Degree Program as "Master of Management Science Water & Land Management" (P-2016 Subcenter - Regular) under the Faculty of "Faculty of Management".

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.

Date: 3/29/2017 10:28:34 AM  
Dr. Babasaheb Ambedkar Marathwada University  
,University Campus, Aurangabad-431004,  
Maharashtra(India),

Recognized by UGC U/s 2(f) and 12(B), NAAC  
Reaccredited with "A" Grade

Registrar

  
Head  
Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

Course Objective(s)

The Master of Management Science Water & Land Management Consists of following 2 course part(s):

Sr.No.	Course Part Name	Course Part Abbreviation	Examination Pattern
1	M.M.S. Water & Land Management First Year	First Year	Semester
2	M.M.S. Water & Land Management Second Year	Second Year	Semester

The Master of Management Science Water & Land Management is available in following medium of instruction/s:

1. English

*Natp*  
Head

Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

*Natp*  
Head

Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

## Course Part: First Year

Term: First Semester

The papers for First Year - First Semester are classified into following groups:

**1. Compulsory Group** (Min Papers: 4, Max Papers: 4,  
Separate Passing Head: No, Max. Marks: 450)  
Select minimum 4 paper(s)  
Select maximum 4 paper(s)

Papers:

IC 001	Constitution of India
WLM 112	Survey, Leveling & Mapping
WLM 111	Water and Land Resources Development & Utilization
WLM 113	Soil Science in Relation to Water and Plant

**2. Elective Group** (Min Papers: 1, Max Papers: 1,  
Separate Passing Head: No, Max. Marks: 100)  
Select minimum 1 paper(s)  
Select maximum 1 paper(s)

Papers:

WLM 115	Hydraulics
WLM 116	Computational Techniques

Term: Second Semester

The papers for First Year - Second Semester are classified into following groups:

**1. Compulsory Group** (Min Papers: 5, Max Papers: 5,  
Separate Passing Head: No, Max. Marks: 550)  
Select minimum 5 paper(s)  
Select maximum 5 paper(s)

Papers:

WLM-121	Hydrology
WLM-122	Advance Techniques In Water Application
WLM-123	Agricultural Entrepreneurship
WLM-124	Legal Aspects of Water Resources Development
WLM-125	Research Methodology-I

**2. Elective Group** (Min Papers: 1, Max Papers: 1,  
Separate Passing Head: No, Max. Marks: 100)  
Select minimum 1 paper(s)  
Select maximum 1 paper(s)

Papers:

WLM-126	Water Conveyance & Distribution System
WLM-127	Financial Management

Course Part: Second Year

Term: Fourth Semester

The papers for Second Year - Fourth Semester are classified into following groups:


**1. Compulsory Group** (Min Papers: 3, Max Papers: 3,  
Separate Passing Head: No, Max. Marks: 450)  
Select minimum 3 paper(s)  
Select maximum 3 paper(s)

Papers:

WLM-241	Ground Water Management
WLM-242	Managerial Perspectives
WLM-243	Research Methodology-III (Dissertation)

**2. Elective** (Min Subgroups: 1, Max SubGroups: 2,  
Separate Passing Head: No, Max. Marks: 250)  
Select minimum 1 SubGroup(s)  
Select maximum 2 SubGroup(s)

SubGroups:

  
Head  
Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

**1. Elective Group** (Min Papers: 1, Max Papers: 1,  
Separate Passing Head: No, Max. Marks: 150)  
Select minimum 1 paper(s)  
Select maximum 1 paper(s)

Papers:

WLM-244	Drinking Water Management
WLM-245	Environmental Aspects of Water Resources Development

**2. Service Course** (Min Papers: 1, Max Papers: 1,  
Separate Passing Head: No, Max. Marks: 100)  
Select minimum 1 paper(s)  
Select maximum 1 paper(s)

Papers:

WLM-236	Integrated Water Resources Management
MIC-SC IV	Applied Medical Microbiology
ENG S-146	Soft Skills
CHEM-IV	Analytical Chemistry
MAN-IV	Event Management
EDU-SC-02	Psychology of Self Development
SC-01	SC-01
SC-02	SC-02
SC-03	SC-03
SC-04	SC-04
SC-05	SC-05

*Saty*  
Head

Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

Faculty of Management

Master of Management Science Water & Land Management (M.M.S.)  
Water & Land Management  
(Credit System)

(F-2016 Subcenter-Regulation)  
Course Code

Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad

Term: Third Semester

The papers for Second Year - Third Semester are classified into following groups:

**1. Compulsory Group** (Min Papers: 5, Max Papers: 5,  
Separate Passing Head: No, Max. Marks: 600)  
Select minimum 5 paper(s)  
Select maximum 5 paper(s)

Papers:

WLM-231	Integrated Watershed Management
WLM-232	Management of Irrigated Plants
WLM-233	Management Skills
WLM-234	Research Methodology-II
WLM-235	Seminar

**2. Elective** (Min Subgroups: 1, Max SubGroups: 2,  
Separate Passing Head: No, Max. Marks: 250)  
Select minimum 1 SubGroup(s)  
Select maximum 2 SubGroup(s)

SubGroups:

**1. Elective Group** (Min Papers: 1, Max Papers: 1,  
Separate Passing Head: No, Max. Marks: 150)  
Select minimum 1 paper(s)  
Select maximum 1 paper(s)

Papers:

WLM-237	Application of Information Technology in Water Management
WLM-238	Optimization Techniques

**2. Service Course** (Min Papers: 1, Max Papers: 1,  
Separate Passing Head: No, Max. Marks: 100)  
Select minimum 1 paper(s)  
Select maximum 1 paper(s)

Papers:

ENG S-134	Communication Skills in English
CH-SC	Application of Spectroscopy
WLM-236	Integrated Water Resources Management
BT-SC III	Fermentation and Environmental Biotechnology
MIC-SC III	Applied Agricultural Microbiology
MAN-III	Personality Development
EDU-SC-01	Stress Management
SC-01	SC-01
SC-02	SC-02
SC-03	SC-03
SC-04	SC-04
SC-05	SC-05

*Narthy*  
Head

Dept of Water & Land Management,  
Dr. Babasaheb Ambedkar Marathwada  
University, Sub-Campus, Osmanabad