



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: -

Natuf
Head

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

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.

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.University Campus, Aurangabad-431004,
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Registrar

Natij

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


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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:

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Dr. Babasaheb Ambedkar Marathwada
University, Sub-Campus, Channarayana

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

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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


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