



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

Paper Assessment Scheme

For

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

Faculty of Science

M.Sc. Microbiology (With Credits)(M.Sc. Microbiology)
(Credits System)

(P-2016 Subcenter-Regular)
Course Code: SMIC-2010

Approved

K. Chitambar

Head

Department of Microbiology
Dr. Babasaheb Ambedkar Marathwada
University Sub-Campus, Osmanabad

Papers

Teaching And Assessment Scheme

Abbreviations : TLM - Teaching Learning Method, AM - Assessment Method, AT - Assessment Type, UA - University Assessment, CA - College Assessment, Hrs - Contact Hours per Week, MS - Marks System, GS - Grade System, Min - Minimum Marks, Max - Maximum Marks, DG - Direct Grading, IG - Indirect Grading

Course Part: First Year Separate Passing Head: No, Min: 0, Max: 1300, Total Credits: 52.00

Term: First Semester Separate Passing Head: No, Min Papers: 8, Max Papers: 8, Min: 0, Max: 650, Total Credits: 26.00

The papers under First Semester are as follows:

Paper Name: Constitution of India									
Paper Code: IC 001 Min: -- Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	2	2.00	Theory	-	50	UA	20	50	Marks System
Paper Name: Biostatistics, Computer Applications & Research methodology									
Paper Code: MICC-111 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Bioenergetics and Enzymology									
Paper Code: MICC-112 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Bioinstrumentation Techniques & Applications									
Paper Code: MICC-113 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Industrial Food and Dairy Microbiology									
Paper Code: MICC-114 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Research Methodology In Microbiology									
Paper Code: MICC-115 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Practical Based on MICC-111+MICC-112									
Paper Code: MICCP-I Min: -- Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Laboratory	2	2.00	Practical	-	50	UA	20	50	Marks System
Paper Name: Practical Based on MICC-113+MICC-114									
Paper Code: MICCP-II Min: -- Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Laboratory	2	2.00	Practical	-	50	UA	20	50	Marks System

Term: Second Semester Separate Passing Head: No, Min Papers: 8, Max Papers: 8, Min: 0, Max: 650, Total Credits: 26.00

The papers under Second Semester are as follows:

Approved

K. S. Bhatnagar
Head

Department of Microbiology
Dr. Babasaheb Ambedkar Marathwada
University Sub-Campus, Osmanabad

Paper Name: Recent Trends In Virology									
Paper Code: MICC-211 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Molecular Immunology									
Paper Code: MICC-212 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Microbial Physiology									
Paper Code: MICC-213 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Microbial Diversity & Extremophiles									
Paper Code: MICC-214 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Research Design & Review of Literature									
Paper Code: MICC-215 Min: -- Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lectures	4	4.00	Theory	-	100	UA	40	100	Marks System
Paper Name: Seminar(Paper Presentation)									
Paper Code: MICC-216 Min: -- Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Seminar	2	2.00	Presentation	-	50	UA	20	50	Marks System
Paper Name: Practical Based on MICC-211 + MICC-212									
Paper Code: MICCP-III Min: -- Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Laboratory	2	2.00	Practical	-	50	UA	20	50	Marks System
Paper Name: Practical Based on MICC-213 + MICC-214									
Paper Code: MICCP-IV Min: -- Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Laboratory	2	2.00	Practical	-	50	UA	20	50	Marks System

Approved

Keshavnagalept

Head
Department of Microbiology
Dr. Babasaheb Ambedkar Marathwada
University Sub-Campus, Osmanabad