

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

URL: sus.ac.in

Result ledger for

Course	:	Master of Science (with Credit) [Microbiology]
Course Code	:	333
Mode of Learning	:	REPEATER
Course Part Term	:	Sem-4
Event	:	MARCH 2026

Paper Level Details:-

Code	Paper Name	Credits	Grade Template Name	AM	UA		CA		Total	
					MAX	MIN	MAX	MIN	MAX	MIN
20407303	Entrepreneurship Development	4	Ten Point Scale	TH	80	32	20	8	100	--
2316301	Principles of Bioinstrumentation and techniques	4	Ten Point Scale	TH	60	24	40	16	100	--
2316302	Bioprocess technology	4	Ten Point Scale	TH	60	24	40	16	100	--
2316303	Research Project-I	4	Ten Point Scale	PR	60	24	40	16	100	--
2316304	Practical-I	2	Ten Point Scale	PR	30	12	20	8	50	--
2316305	Practical-II	2	Ten Point Scale	PR	30	12	20	8	50	--
2316306	Immunology	4	Ten Point Scale	TH	60	24	40	16	100	--
2316307	R-DNA technology	4	Ten Point Scale	TH	60	24	40	16	100	--
2316308	Practical-III (Based on DSE-3A)	2	Ten Point Scale	PR	30	12	20	8	50	--
2316309	Practical-III (Based on DSE-3B)	2	Ten Point Scale	PR	30	12	20	8	50	--
2316401	Food and Dairy Microbiology	4	Ten Point Scale	TH	60	24	40	16	100	--
2316402	Molecular Biology and genetic engineering	4	Ten Point Scale	TH	60	24	40	16	100	--
2316403	Research Project-II	6	Ten Point Scale	PR	90	36	60	24	150	--
2316404	Practical-I	2	Ten Point Scale	PR	30	12	20	8	50	--
2316405	Agricultural Microbiology	4	Ten Point Scale	TH	60	24	40	16	100	--
2316406	Environmental Microbiology	4	Ten Point Scale	TH	60	24	40	16	100	--
2316407	Practical-II (Based on DSE-4A)	2	Ten Point Scale	PR	30	12	20	8	50	--
2316408	Practical-II (Based on DSE-4B)	2	Ten Point Scale	PR	30	12	20	8	50	--
4063-13	Entrepreneurship Development	5	Ten Point Scale	TH	80	32	20	8	100	--
4063-14	Business Law	5	Ten Point Scale	TH	80	32	20	8	100	--
MA04308	Human Development	4	Ten Point Scale	TH	80	32	20	8	100	--

Code	Paper Name	Credits	Grade Template Name	AM	UA		CA		Total	
					MAX	MIN	MAX	MIN	MAX	MIN
MA04309	Social Dimensions of Marginalized Communities	4	Ten Point Scale	TH	80	32	20	8	100	--
MA06308	21ST Century Skills	5	Ten Point Scale	TH	80	32	20	8	100	--
MA06309	Introduction to Film Studies	5	Ten Point Scale	TH	80	32	20	8	100	--
MA06310	Communicative English	5	Ten Point Scale	TH	80	32	20	8	100	--
MA06311	Functional English	5	Ten Point Scale	TH	80	32	20	8	100	--
MA08308	Hindustan Mein Cinema	5	Ten Point Scale	TH	80	32	20	8	100	--
MA08309	Aligar Tahrik	5	Ten Point Scale	TH	80	32	20	8	100	--
MA08310	Taraqqi Pasand Tahrik	5	Ten Point Scale	TH	80	32	20	8	100	--
MA08311	Jadidiyat Ki Tahrik	5	Ten Point Scale	TH	80	32	20	8	100	--
MA10308	Kannada Tatvapada Sahitya	4	Ten Point Scale	TH	80	32	20	8	100	--
MA10309	Kannada Language	4	Ten Point Scale	TH	80	32	20	8	100	--
MA10310	Kannada Sahitya - Samskruti	4	Ten Point Scale	TH	80	32	20	8	100	--
MA10311	Kannada Gadi Samskruti	4	Ten Point Scale	TH	80	32	20	8	100	--
MA12308	Marathi Bhasha Va Spardha Pariksha	5	Ten Point Scale	TH	80	32	20	8	100	--
MA12309	Prasarmadhyame Aani Bhashavyavhar	5	Ten Point Scale	TH	80	32	20	8	100	--
MA12310	ToulNIK Sahitya Abhyas	5	Ten Point Scale	TH	80	32	20	8	100	--
MA12311	Antarbhartiya Sahityacha Abhyas	5	Ten Point Scale	TH	80	32	20	8	100	--
MA13308	Human Development	4	Ten Point Scale	TH	80	32	20	8	100	--
MA13309	Economics of Transport	4	Ten Point Scale	TH	80	32	20	8	100	--
MA15308	Sahitya Mimasa	4	Ten Point Scale	TH	80	32	20	8	100	--
MA15309	Film Mimasa	4	Ten Point Scale	TH	80	32	20	8	100	--
MA15310	Madhyam Mimasa	4	Ten Point Scale	TH	80	32	20	8	100	--
MA15311	Bal Sahitya	4	Ten Point Scale	TH	80	32	20	8	100	--
MA16308	Aa.Yogindudeva Aani Yogsara	4	Ten Point Scale	TH	80	32	20	8	100	--
MA16309	Aa. Kundkunda and his Literature	4	Ten Point Scale	TH	80	32	20	8	100	--
MA16310	Mahakavi Pushpadanta and His Literature	4	Ten Point Scale	TH	80	32	20	8	100	--
MA17308	Boudhha Tatvadnyan	5	Ten Point Scale	TH	80	32	20	8	100	--
MA17309	Palli Sutta Sanskar Path	5	Ten Point Scale	TH	80	32	20	8	100	--
MA17310	Prachin Vidyapeethancha Abhyas	5	Ten Point Scale	TH	80	32	20	8	100	--
MA17311	Palli Sahityatil Yogdan	5	Ten Point Scale	TH	80	32	20	8	100	--

Code	Paper Name	Credits	Grade Template Name	AM	UA		CA		Total	
					MAX	MIN	MAX	MIN	MAX	MIN
MA18308	Sanskrit BhashaAbhyas : (Parichay Vakyarachana, Karak etc)	5	Ten Point Scale	TH	80	32	20	8	100	--
MA18309	Natyashastra Pratham Addhya	5	Ten Point Scale	TH	80	32	20	8	100	--
MA18310	Pratima Natak	5	Ten Point Scale	TH	80	32	20	8	100	--
MA18311	Vrukshayurved	5	Ten Point Scale	TH	80	32	20	8	100	--
MA19308	Archaeology	4	Ten Point Scale	TH	80	32	20	8	100	--
MA19309	Political Ideas and Institutions in Ancient India	4	Ten Point Scale	TH	80	32	20	8	100	--
MA20308	Folk Music of Maharashtra	4	Ten Point Scale	TH	80	32	20	8	100	--
MA20309	Film Music	4	Ten Point Scale	TH	80	32	20	8	100	--
MA21308	Essay Writing - I	4	Ten Point Scale	TH	80	32	20	8	100	--
MA21309	Essay Writing - II	4	Ten Point Scale	TH	80	32	20	8	100	--
MA22308	Sanskrit Natya Parampara	4	Ten Point Scale	TH	80	32	20	8	100	--
MA22309	Adhunik Marathi Natya Parampara	4	Ten Point Scale	TH	80	32	20	8	100	--
MA23309	Film Studies	4	Ten Point Scale	TH	80	32	20	8	100	--
MA23310	Writing for Media	4	Ten Point Scale	TH	80	32	20	8	100	--
MCA309	Fundamentals of Web Designing	4	Ten Point Scale	TH	80	32	20	8	100	--
MCA310	SWAYAM Course	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01301	Pharmaceutical Microbiology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01302	Biostatistics and Bioinformatics	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01303	Practical HCP-3.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC01304	Practical HCP-3.2	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC01305	Seminar-III	1	Ten Point Scale	TW	--	--	25	10	25	--
MSC01306	Medical Microbiology-II (Viral and Fungal Diseases)	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01307	Agriculture Microbiology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01308	Practical SCP-3.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC01309	Practical SCP-3.2	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC01310	Bioprocess and Biochemical Engineering	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01311	Environmental Microbiology and Waste Management	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC01312	Practical OEP-3.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC01313	Practical OEP-3.2	2	Ten Point Scale	PR	40	16	10	4	50	--

Code	Paper Name	Credits	Grade Template Name	AM	UA		CA		Total	
					MAX	MIN	MAX	MIN	MAX	MIN
MSC017310	Fundamentals of GIS and Remote Sensing	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC017311	Climatology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC019310	Research Methodology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC019311	Geoarchaeology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC020310	Natural Resources Management	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC020311	Ecotourism	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC02310	Antenna and Wave Propagation	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC02311	Digital Electronics and Communication System	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023301	Molecular Biology and Genetic Engineering	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023302	Bioprocess Technology and Fermentation Technology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023303	Practical HCP-3.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023304	Practical HCP-3.2	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023305	Seminar	1	Ten Point Scale	TW	--	--	25	10	25	--
MSC023306	Immunology and Immunotechnology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023307	Bioenergetics and Molecular Enzymology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023308	Practical SCP-3.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023309	Practical SCP-3.2	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023310	Agricultural Microbiology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023311	Environment and Waste Management Technology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023312	Practical OEP-3.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023313	Practical OEP-3.2	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023401	Pharmaceutical Microbiology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023402	Food and Dairy Microbiology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023403	Principles of Bioinstrumentation and Techniques	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC023404	Practical HCP-4.1, 4.2, 4.3	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023405	Practical SCP-4.1	2	Ten Point Scale	PR	40	16	10	4	50	--
MSC023406	Project in Plant Training	4	Ten Point Scale	PR	80	32	20	8	100	--
MSC023407	Seminar	1	Ten Point Scale	TW	--	--	25	10	25	--
MSC023409	Health Care and Diagnostic Microbiology	4	Ten Point Scale	TH	80	32	20	8	100	--

Code	Paper Name	Credits	Grade Template Name	AM	UA		CA		Total	
					MAX	MIN	MAX	MIN	MAX	MIN
MSC023410	Recombinant DNA Technology	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC03312	Energy Harvesting Devices	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC03313	Nuclear Radiations & Effects	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC04310	Energy Harvesting Devices	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC04311	Medical Physics	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC05312	Spectral and Instrumental Analysis of Polymers	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC05313	Unit operations of Chemical Engineering	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC06309	Advanced Topics in Industrial Chemistry-I	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC07310	Applied Organic Chemistry	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC07311	Biochemistry	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC08310	Applied Organic Chemistry	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC08311	Biochemistry	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC15308	Numerical Techniques	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC15309	SWAYAM Course	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC16308	Applied Statistics	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC16309	Modeling and Simulation	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC16310	SWAYAM Course	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC18310	Fundamental of Web Designing	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC18311	SWAYAM Course	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC5310	Communication & Digital Electronics	4	Ten Point Scale	TH	80	32	20	8	100	--
MSC5311	Power Supplies	4	Ten Point Scale	TH	80	32	20	8	100	--

Grade Template Used:

Template Name : Ten Point Grade Template

Grade Scale : Ten Point Scale

No. Of Intervals : 8

Sr. No.	Grade Abbreviation	From (Marks)	To (Marks)	Status	Grade Point	Description
1	0	80	100	Pass	10	Excellent/Outstanding

Sr. No.	Grade Abbreviation	From (Marks)	To (Marks)	Status	Grade Point	Description
2	A+	70	79.99	Pass	9	Very Good
3	A	60	69.99	Pass	8	Good
4	B+	55	59.99	Pass	7	Fair
5	B	50	54.99	Pass	6	Above Average
6	C+	45	49.99	Pass	5	Average
7	C	40	44.99	Pass	4	Below Average
8	F	0	39.99	Fail	0	Fail

GPA TEMPLATE:

Template Name : GPA Template for Ten Point Scale

Grade Scale : Ten Point Scale

No. Of Intervals : 8

Sr. No.	Grade Abbreviation	From (GPA)	To (GPA)	Status	Description
1	O	9.5	10	Pass	Excellent/Outstanding
2	A+	8.5	9.49	Pass	Very Good
3	A	7.5	8.49	Pass	Good
4	B+	6.5	7.49	Pass	Fair
5	B	5.5	6.49	Pass	Above Average
6	C+	4.5	5.49	Pass	Average
7	C	4	4.49	Pass	Below Average
8	F	0	3.99	Fail	Fail

Abbreviations Used:

CA : College Assessment

ESE : End Semester Exam

ICA : Internal Continues Assessment

PR : Practical

ISE : In Semester Exam

PW : Project Work

POE : Practical Online Examination

TH : Theory

TW : Term Work

UA : University Assessment

CR : Credit

AM : Assessment Method

CODE	AM	UA		CA		MAX	TOTAL		GR	GP	EGP	Status	Remark
		MIN	OBT	MIN	OBT		MIN	OBT					
MSC023301	TH	32	32	8	11	100	--	43	C	4	16	P	E,X
MSC023302	TH	32	32	8	14	100	--	46	C+	5	20	P	E,X
MSC023303	PR	16	19	4	5	50	--	24	C+	5	10	P	E,X
MSC023304	PR	16	18	4	5	50	--	23	C+	5	10	P	E,X
MSC023305	TW	--	--	10	14	25	--	14	B+	7	7	P	E,X
MSC023306	TH	32	32	8	8	100	--	40	C	4	16	P	E,C
MSC023308	PR	16	18	4	4	50	--	22	C	4	8	P	E,X
MSC023311	TH	32	33	8	10	100	--	43	C	4	16	P	E,C
MSC023313	PR	16	18	4	4	50	--	22	C	4	8	P	E,X

Sem-3

Total Credits: 25

EGP: 111

SGPA:4.44

Status: Pass

CODE	AM	UA		CA		MAX	TOTAL		GR	GP	EGP	Status	Remark
		MIN	OBT	MIN	OBT		MIN	OBT					
MSC023401	TH	32	43	8	10	100	-	53	B	6	24	P	E,C
MSC023402	TH	32	40	8	10	100	-	50	B	6	24	P	E,C
MSC023403	TH	32	43	8	10	100	-	53	B	6	24	P	E,C
MSC023404	PR	16	16	4	4	50	-	20	C	4	8	P	E,X
MSC023405	PR	16	16	4	4	50	-	20	C	4	8	P	E,X
MSC023406	PR	32	40	8	8	100	-	48	C+	5	20	P	E,X
MSC023407	TW	--	--	10	10	25	-	10	C	4	4	P	E,X
MSC023410	TH	32	32	8	11	100	-	43	C	4	16	P	E,X

Sem-4

Total Credits : 25

| Total Grade Points: 128

| GPA/SGPA:5.12

| Status: Pass

Sem-III (Seat No: 112701 Exam Event: Mar 2026)

Total Credits:25

EGP:111

SGPA: 4.44

Status: PASS

Sem-II (Seat No: 112701 Exam Event: Mar 2026)

Total Credits:25

EGP:149

SGPA: 5.96

Status: PASS

Sem-I (Seat No: 27013 Exam Event: October 2022)

Total Credits:25

EGP:178

SGPA: 7.12

Status: PASS

Grand Total: 1234/2500 (One thousand two hundred and thirty four)

| Percentage: 49.36%

| ECA Marks:NA (Balance Marks: Nil)

| Ordinance : NA (Marks/ NA)

Total Credits Earned : 100

| Total EGP: 566

| GPA/SGPA:5.66

| Status: Pass

| CGPA: 5.66

| Final Grade: B

| Overall Status: Pass

Identifier: 5d014b72-f9b1-40ba-93da-c701cb650c28

CODE	AM	UA		CA		MAX	TOTAL		GR	GP	EGP	Status	Remark
		MIN	OBT	MIN	OBT		MIN	OBT					
MSC023301	TH	32	39	8	18	100	--	57	B+	7	28	P	E,X
MSC023302	TH	32	32	8	15	100	--	47	C+	5	20	P	E,X
MSC023303	PR	16	35	4	9	50	--	44	O	10	20	P	E,X
MSC023304	PR	16	35	4	7	50	--	42	O	10	20	P	E,X
MSC023305	TW	--	--	10	21	25	--	21	O	10	10	P	E,X
MSC023306	TH	32	34	8	15	100	--	49	C+	5	20	P	E,X
MSC023308	PR	16	31	4	7	50	--	38	A+	9	18	P	E,X
MSC023310	TH	32	33	8	16	100	--	49	C+	5	20	P	E,X
MSC023312	PR	16	35	4	7	50	--	42	O	10	20	P	E,X

Sem-3

Total Credits: 25

EGP: 176

SGPA:7.04

Status: Pass

CODE	AM	UA		CA		MAX	TOTAL		GR	GP	EGP	Status	Remark
		MIN	OBT	MIN	OBT		MIN	OBT					
MSC023401	TH	32	32	8	17	100	-	49	C+	5	20	P	E,C
MSC023402	TH	32	39	8	13	100	-	52	B	6	24	P	E,C
MSC023403	TH	32	36	8	18	100	-	54	B	6	24	P	E,X
MSC023404	PR	16	38	4	9	50	-	47	O	10	20	P	E,X
MSC023405	PR	16	34	4	9	50	-	43	O	10	20	P	E,X
MSC023406	PR	32	75	8	9	100	-	84	O	10	40	P	E,X
MSC023407	TW	--	--	10	24	25	-	24	O	10	10	P	E,X
MSC023409	TH	32	38	8	19	100	-	57	B+	7	28	P	E,X

Sem-4

Total Credits : 25

| Total Grade Points: 186

| GPA/SGPA:7.44

| Status: Pass

Sem-III (Seat No: 337722 Exam Event: March 2024)

Total Credits:25

EGP:176

SGPA: 7.04

Status: PASS

Sem-II (Seat No: 337722 Exam Event: October 2023)

Total Credits:25

EGP:174

SGPA: 6.96

Status: PASS

Sem-I (Seat No: 337722 Exam Event: March 2024)

Total Credits:25

EGP:212

SGPA: 8.48

Status: PASS

Grand Total: 1566/2500 (One thousand five hundred and sixty six)

| Percentage: 62.64%

| ECA Marks:NA (Balance Marks: Nil)

| Ordinance : NA (Marks/ NA)

Total Credits Earned : 100

| Total EGP: 748

| GPA/SGPA:7.48

| Status: Pass

| CGPA: 7.48

| Final Grade: B+

| Overall Status: Pass

RR Student Report

Sr. No	Seat No	PRN No	collegeC ode	Name	Status
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Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Dnyanteerth Nagar, Kegaon, Solapur-Pune National Highway, Solapur-413255, Maharashtra, India.

Printed on: 5/29/2026

College-wise Statistical Report

College Code	Category	Total Students Count	Male	Female	Male Pass Count	Female Pass Count	Passing Percentage	Pass Student with Distinction	Pass Student Distinction in Percentage %
DBF	SC	1	1	0	1	0	100%	0	0%
SMB	SC	1	0	1	0	1	100%	0	0%