

**Founder Secretary** 

### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

2.5.1. Mechanism of Internal/external assessment is transparent and the grievance redressal system is time bound and efficient.

### **HEI Input:**

Provided List of Documents of Internal and External grievance redressal with flow chart.

PU/PN/ CS/485/ 2018 \* JSPM's \*



B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

2.5.1. Mechanism of Internal/external assessment is transparent and the grievance redressal system is time bound and efficient.

#### **INDEX**

Sr. No.	Documents Attached	Digital Page No.
1.	Flow chart for Internal Exam. Grievance Redressal	3
2.	Flow chart for External Exam. Grievance Redressal	4
3.	Setting of Question Paper	5
4.	Conduction of Exam.	12
5.	Grievance raised by Students for Internal Exam	20
6.	Grievance raised by Students for External exam	24

PU/PN/ CS/485/ 2018 35 \* JSPM's \*



**Founder Secretary** 

### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

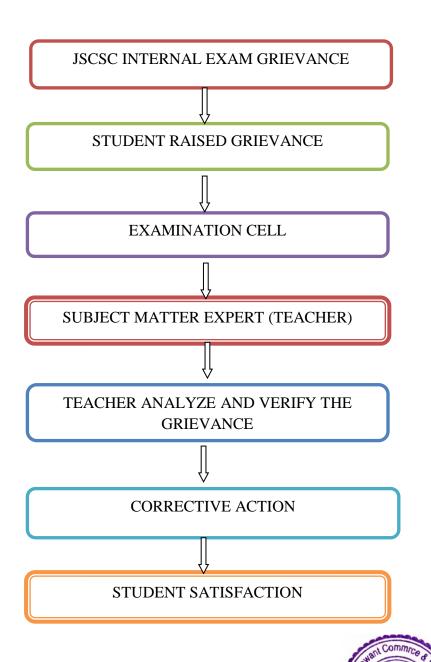
Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

2.5.1. Mechanism of Internal/external assessment is transparent and the grievance redressal system is time bound and efficient.

#### FLOW CHART FOR INTERNAL EXAM GRIEVANCE REDRESSAL



PRINCIPAL
JSPM's
Jayawantrao Sawant
commerce & Science College
Hadapsar, Pune - 411 028.

PU/PN/ CS/485/

2018



**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

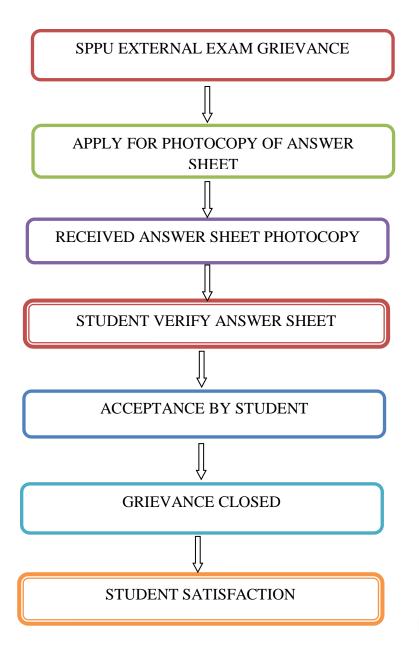
### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

#### FLOW CHART FOR EXTERNAL EXAM GRIEVANCE REDRESSAL







**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

### **SETTING OF QUESTION PAPER**

For setting of Question paper faculty member refer and used Subject Syllabus, Question Bank and Previous year Question Paper. Same thing will be provided to Students.

### 1. Subject Syllabus (Commerce)

Savitribai Phule Pune University, Pune

Revised syllabi (2019 Pattern) for three years B. Com. Degree course

Credit Base Choice System (CBCS)

Syllabus for T.Y.B. Com. Semester -V

Subject Name: Business Regulatory Framework

Course code: - 351

Depth of the program - Fundamental Knowledge

#### Preamble

Savitribai Phule Pune University and UGC has initiated several measures to bring efficiency and quality education to the students. The important measures taken to enhance academic standards and quality in higher education include innovation and improvements in curriculum, teaching-learning process, examination and evaluation systems, besides governance and other matters.

The Business Regulatory framework course provides the student with basic information about the Indian legal system and dispute resolution, and their impact on business. The understanding of legal system is a prerequisite for better decision making. The course gives exposure to students in the areas of legal principles of business contract, aspects in the formation, running and winding up of partnership and LLP, the scope and the issues associated with partnerships, application of sale of goods act and E Contract regulations in India. This course focuses on orientation of students to legal studies from the point of view of basic concepts of business law and legal system in India. The course will be useful to the commerce students to understand and apply the business laws in commercial situations.

#### Objectives of the Program

- 1. To provide conceptual knowledge about the framework of business Law in India.
- 2. To orient the students about the legal aspect of business.
- 3. To create awareness among the students about legal environment relating to the Contract Law, Partnership Act, Sale of Goods Act in India.
- 4. To understand the emerging issues relating to e-commerce, e-transaction issues and E Contracts

70

Credit - 3





**Founder Secretary** 

#### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

		dissolution (Section 63 & 64)	
3	The Sale of Goods Act, 1930	Formation of the contract of sale , Concept and Essentials. Sale and agreement to sale.     Goods – Concept and kinds , Conditions and Warranties     Transfer of ownership and delivery of goods     Unpaid seller and his rights and Remedial Measures.	Compressive understanding about the sale of Goods Act. Acquaint knowledge about ownership and delivery of goods.
4.	Arbitration and Conciliation:	Concept of Arbitration & Conciliation.     Definition & Essentials of Arbitration     Agreement Power and Duties of Arbitration.     Conciliation proceeding. (Provisions of Arbitration & Conciliation Act, 1996 in mutshell with Amendment of 2021 to be covered.)	To give Comprehensive insight about the emerging trend of Arbitration and conciliation and its regulatory mechanism

[Note: Recent amendments in the Acts and relevant Landmark cases decided by courts are expected to be studied]

#### Teaching Methodology

Topic No.	Total Lectures	Innovative methods to be used	Film shows and AV Applications	Project	Expected Outcome
1	20	Indian Contract Act ,  Document , PPT, Narration,  Case Study	You Tube about Contract Act	Report Review	Acquaint knowledge and maturity to understand Contract Law.

7

- 5. To seek the career opportunity in corporate sector relating to business law in India.
- 6. To acquaint students with the basic concepts, terms & provisions of Mercantile and Business Laws.

#### **Course Contents**

nit No	Unit Title	Contents	Purpose Skills to be developed
1	The Indian Contract Act, 1872	The nature of the contract, General Principles     Definitions and elements of Contract- consideration, other essential elements of a valid contract,     Legality of object and consideration., Void Agreements., Discharge of contract.	Understand the concept of Contract and its contents. Equip the students with knowledge of nature and performance and breach of Contracts.
2	The Indian Partnership Act, 1932	General Nature of Partnership , Rights, and duties of partners, Types of partner     Registration and dissolution of a firm     Limited Liability Partnership Act 2008: Limited Liability Partnership (LLP); Concept, Nature and Advantages, Difference between LLP and Partnership Firm, Difference between LLP and company     Incorporation of LLP, Partners and their relations, Liability of LLP and Partners (Section 27). Financial Disclosure by LLP, Contributions (Section 32), Assignments and Transfer of Partnership Rights (Section 42) Conversation to LLP (Section 55), Winding-up and	Understand the nature of partnership ,Rights and duties of Partner Handling the registration and dissolution of the partnership. Aquint Knowledge about LLP

71



Pulla\_\_\_.



#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
College Code: <a href="Pu/PN/CS/485/2018">PU/PN/CS/485/2018</a>

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

PROF. DR. T. J. SAWANT B.E. (Elec.), PGDM, PhD Founder Secretary

2	09	Project making, Street play, slogan, Quiz Competition,	Use of You tube, Review of Movie	New Emerging Issues in Principle documents of Partnership Deed	To Acquaint knowledge and application of Partnership Deed.
3	14	Case study, Poster making, jingles, Survey Analysis Article review	Case Analysis, Mute	Recent amendments and silent feature Sale of Goods Law	To get training to face emerging issues relating Sale of Goods Act.
4	05	Virtual Learning, Group Discussion, Assignments on E signature Interview of Arbitrator.	Film on Arbitration and conciliation	Project on Arbitration and conciliation	To give Comprehensive insight about the emerging trend of Arbitration and conciliation and its regulatory mechanism

#### Methods of Evaluations

Subject	Internal Evaluation	External Evaluation	Suggested Add on Course
Unit – I	Continuous Evaluation,, MCQ, Assignment, Oral examination	As per University Guidelines	Seminar on Contract Act and Case study
Unit – II	Written examination, Qui, Presentations, Projects ,	As per University Guidelines	Awareness program

73

	Assignments , Tutorials g. Oral examination		
Unit – III	Continuous Evaluation, MCQ, Assignment.	As per University Guidelines	Visit to company secretary's office
Unit – IV	Continuous Evaluation, Case Study, Literature Review , E procedure, Oral examination.	As per University Guidelines	Seminar on Arbitration and conciliation

#### References

- 1) Business and Corporate Law: Dr. Kaur Harpreet, Lexis Nexis (2013)
- 2) Laws for Business, Sulphey M.M.&Basheer, PHI Learning Pvt. Ltd., Delhi. (2013)
- Business Laws: Kuchhal M.C.&Kuchhal Vivek, Vikas Publishing House (2013)
   Business and Commercial Laws:-Sen And Mitra , The World Press Pvt. Ltd.(2018)
- 5) An Introduction to Mercantile Laws:-N.D.Kapoor , Sultan Chand and Sons,(2014)
- 6) Business Laws: N.M. Wechlekar, Everest Publishing House (2016)
- $7)\ Business\ Regulatory\ Law,\ Chaudhari, Zalte,\ Bhawari, Dagade,\ Prashant\ Publication\ (2021)$
- 8) Arbitration & Conciliation Act, 1996 (Lawmann's), Kamal Publishers (2017)
- 9) https://www.indiacode.nic.in/bitstream/123456789/2187/1/A1872-9.pdf 10) https://legislative.gov.in/sites/default/files/A1930-3\_0.pdf
- 11) https://www.mca.gov.in/Ministry/actsbills/pdf/Partnership\_Act\_1932.pdf
- 12) https://egazette.nic.in/WriteReadData/2021/225832.pdf

74





**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

Science Microbiology Syllabus (Marine Microbiology)

CBCS: 2019 Pattern T. Y. B. Sc. Microbiology

#### SEM V

#### Skilled Base Elective MB 3510 Marine Microbiology

2 Credit Course: 1.5 credit theory+0.5 credit Practical

#### Course Outcome:

- To impart the awareness of unseen and unexplored niche of marine ecosystem of microbes
- To acquire advances in the knowledge of marine microbes and marine ecology.
- To learn the field research on marine processes and laboratory research on microorganisms.
- · To comprehend the role of marine microbes in bioremediation and bioprospecting.
- To avail career opportunities in marine education, industry and research.

#### **Theory Total Lectures: 21**

Credit	Theory	No. of lectures
	1. Marine ecology and sampling	
	a Marine Habitats – estuaries, mangroves, coral reefs, salt marshes,	3
	coastal ecosystems, deep sea, hydrothermal vents, Polar habitat-	
	Arctic, Antarctica, Southern Ocean	24
	b. Physiology of marine microorganisms – metabolic diversity, marine	4
	loop, marine snow, Role of marine microorganisms in	
	biogeochemical cycles, nutrient cycling and hydrocarbon	
	degradation	
	c. Sampling methods—water sampling (Niskin sampler) and sediment	4
Credit	sampling (Grab sampler, box corer, gravity corer), Culturing	
1.5	methods – VBNC, biofilm, mats from vents and estuarine sample.	
1	2. Marine microbes, role in bioremediation and bioprospecting	
	Extremophilic microorganisms – econiches, different types with     examples and significance	2
	b. Archaea –biodiversity, stress response, adaptation and significance	3
	c. Marine mycology – econiche, types of marine fungi and	2
	significance	200
	d Bioremediation - heavy metals, hydrocarbon pollutants - tar ball and	3
	oil spills	

Savitribai Phule Pune University (SPPU), Pune

36 | 6





**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

### **QUESTION BANK**

Marine Microbiology	
Oceans environment is generally classified on the basis of ———.	
A) Light penetration	
B) Distance from shore and water depth	
C) Both a and b	
D) None of the above	
Answer : C)Both a and b	
2. The deepest part of ocean is called the	
A) Abyssal Zone	
B) Benthic zone	
C) Neritic Zone	
D) Pelagic zone	
Answer : A)Abyssal Zone	
The Benthic zone is occupied by communities of organisms collectively cal	lled the -
A) Benthos	
B) Nektons	
C) Floating	
D) All of the above	
Answer :A) Benthos	
Marine ecosystem include——.	
A) Ocean	
B) Estuaries	
C) Salt marshes	
D) All of the above	
Answer: D) All of the above	
<ol><li>Marine ecosystem are part of the ——ecosystem.</li></ol>	
A) Aquatic	
B) Dessert	
C) Land	
D) None of the above	
Answer: A) Aquatic	
<ol><li>An——is a transition area between river and sea.</li></ol>	
A) Marshes	
	11
	1
B) Estuary	
C) Ocean	
D) Lagoons Answer: B)Estuary	
Zones have considerable rooted vegetation.	
A) Benthic zone	
B) Littoral zone	
C) Limnetic zone	
D) Profundal zone	
Answer: B) Littoral zone	
An ——is the coastal adjunct of the marine ecosystem.	
A) Stream	
B) Estuary	
C) Lake	
D)River	
Answer: B)Estuary	
<ol><li>zone or region is composed of soft mud or ooze at the bottom.</li></ol>	
A)Benthic zone	
B)ittoral zone	
C)Limnetic zone	
D)Profundal zone	
Annual At Postilia and	

PU/PN/ CS/485/ 2018 8 \* JSPM's \*



B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
College Code: <a href="Pu/PN/CS/485/2018">PU/PN/CS/485/2018</a>

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

10. Corals are most closely related to ——.	
A) Barnacles	
B) Sea anemones	
C) Clarns	
D) Sea urchins	
Answer:B) sea anemones	
<ol> <li>are plant and animal like organisms which are found in ocean.</li> </ol>	
A) Plankton	
B) Nekton	
C) Benthos	
D) All of the above	
Answer: A) Plankton	
<ol><li>is the region where the photosynthesis most commonly occurs.</li></ol>	
A) Photic zone	
B) Pelagic zone	
	I
0.000	
C) Neretic zone	
D) None of the above	
Answer: A) Photic zone	
<ol> <li>On the basis of variation in mean temperature along latitude the main climatic</li> </ol>	
zones are——,	
A) Tropical	
B) Subtropical	
C) Temperate	
D) All of the above	
E) Answer:D) All of the above	
<ol> <li>zones contains largest diversity in the ocean.</li> </ol>	
A)Photic zone	
B)Pelagic zone	
C)Neritic zone	
D)None of the above	
Answer:A) Photic zone	
15. Mangrove are also called as——.	
A) Halophytes	
B) Pteridophytes	
C) Barophyles	
D) All of the above	
Answer: A) Halophytes	
16. Mangrove ecosystem florishes in——,	
A) Inter-tidal area	
B) Forest area	
C) Both a and b	
D) None of the above	
Answer:A) Inter-tidal area	
<ol> <li>Carbon dioxide is captured by mangroves in its biomass and soil this process is</li> </ol>	
known as	
A) Carbon sequestration	
B) Carbon dating	
C) Carbon capturing	
D) Sequencing	
<ol> <li>is the commonest mangrove on west coast of India.</li> </ol>	
A) Meswak	
B) Grey mangrove	
200	90
C) Red mangrove	
D) Orange mangrove	





**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

### PREVIOUS YEAR QUESTION PAPER

#### T.Y. B.Sc. MICROBIOLOGY Skill Based Elective Course MB 3510 : Marine Microbiology (2019 Pattern CBCS) (Semester - V) (351910) Time: 2 Hours] [Max. Marks: 35 Instructions to the candidates: Question 1 is compulsory. Solve any three questions from Question No.2 to Question No.5 Question No.2 to Question No.5 carry equal marks. Q1) Solve any five of the following. [5] a) What are mangroves? b) Coastal ecosystems - Marine habitat - Justify What are biofilms? C) What are halophiles? d) c) State the use of Grab sampler. What is bioremediation? Q2) a) Describe the following. (Any three) [6] What are marine fungi? How is Niskin sampler used? VBNC marine microorganisms iv) Marine microbial biodiversity Explain the culturing methods of extremophiles 141 Q3) a) Explain the following. (Any three) [6] Estuarine marine habitat Bioremediation of oil spills in oceans ii) (iii) Archaebacteria in marine ecosystem Applications of marine biofilms What are the sampling methods used in marine microbiology? [4] P.T.O. Discuss the following. Any three, [6] Marine snow as econiche Role of marine fungi in biogeochemical cycles Marine loops are habitat of extremophiles Bioprospecting of marine fungi Explain the applications of marine microbiology w.r.t. industry, medicine, geomineral cycling. Q5) Write short notes on any four of the following [10] Stress responses in archaebacteria Bioremediation of hydrocarbon pollutants in marine habitat b) Marine biodiversity. di Marine habitat distribution Adaptations in extremophiles. c) Marine microorganisms - role in tar balls bioremediation. FT



**Founder Secretary** 

### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

#### CONDUCTION OF EXAM.

After completion of Question paper, all subject teacher handover paper to Examination Department and the Exam Dept will take Exam as per time table. These all process is transparent and time bound, for that CEO will display Examination Schedule to Notice Board and Same thing will be shared to student Whatsapp group.

#### **Sample Question Paper**

Roll No.	AFF	
	JSPM's	
Jayawantrao	Sawant College of C	ommerce and Science
	Hadapsar, Pune- 41	
• • • • • • • • • • • • • • • • • • • •	••••••	
	T.Y.B. Sc	*
Ponem M	Internal Examination (Pat	tern: 2019)
Paper: Marine Microb Semester - V	piology (MB 3510)	
Time: 01.00 Hour		
		Maximum marks: 15
Instructions to the Can		
1) Question 1 is comput	lsory.	
<ol> <li>Solve any three from</li> <li>Question 2 (B) is con</li> </ol>	question 2(A)	
4) Draw a past labeled	npusory diagram wherever necessary	
Q.1. Answer the follow	diagram wherever necessary	
1.Write characteristics	of following hebitates	
a. Estuaries (1 mark	c)	
<ul> <li>b. Mangroves (1 ma</li> </ul>		A CONTRACT OF THE PARTY OF THE
c. Coral reef (1 mar		
2. Explain in details Are	ctic Ecosystem (1mark)	
<ol><li>What is a biofilm? (1</li></ol>		
Q.2 (A) Answer the fo	llowing (Any 3). (2*3=6)	
<ul> <li>a) Explain Niskin water</li> </ul>		
<ul> <li>b) Explain Grab sample</li> </ul>		
<ul> <li>c) What is a marine sno</li> </ul>		
d) What is a marine ma		
e) Explain Viable but r		
	microorganisms in biogeoche	emical cycles.
(4*1=4)		
	OR	



PRINCIPAL
JSPM's



**Founder Secretary** 

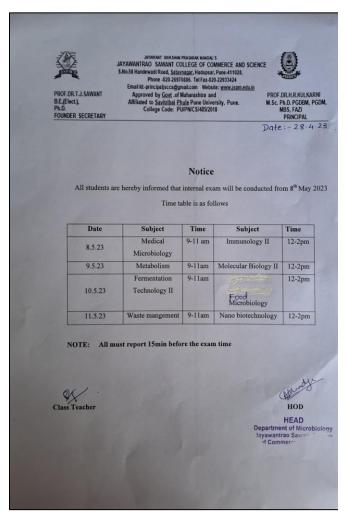
### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

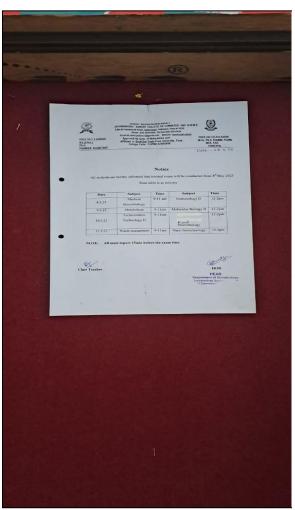
### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

### **Examination Notice and Time Table to Students displayed on Notice Board**





**Examination Notice displayed on notice board for Students** 

PU/PN/ CS/485/ 2018 \*JSPM's \*



**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal



1. Answer sheet of Written Test:-

THE STATE OF THE S			AWAI CO	NTRA MME	O SA RCE	C ANI	IT C( ) SCI Hadapsar, P	DLLE ENC		
ame of	Student_	Tanvi	Rai	esh	Paw	our.			D.IE	
		eat No.(In I	0		W. L.					
World_		2			The same of the sa				1	-
22	T. Y.		ا ا	• 1	Tal.	Div:	0 - 1.	10-51		
ubject:_	Тан	ne r		orvisor N	)	Date:	20110	2025		- 3
	-			ture And I		-	1			
Q.No	1	2	3	4	5	6	7	Total	Signature	
Marks	2-2	3	-	1980				752-6	8 Fris	
stue Wat We	En W	man	uanie with	s ale salty anism	s in	wate	оу.		ed wh	
lang	ny m	:- Ma							Jours	
	_					-			sea w such a	





**Founder Secretary** 

### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u> Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

#### Marks provided to Students

#### JSPM'S

Jayawantrao Sawant College of Commerce & Science S. No. 58, Handewadi road, Satavnagar, Hadapsar, Pune-28

### F.Y. Microbiology Internal Marks Cumulative Report Year-2022 23 (2019 Pattern)

No.	Roll No.	No.	Name of Students	MB 121 [15]	MB 122 [15]	MB 123 Pr. Internal [15]	MB 123 Pr. External [35]
1	111111111111111111111111111111111111111	7105	Aamna Nasir Mulani	9	8	9	23
2	1102	7082	Aaryan Sanjay Sanas	8	7	8	18
3	1103	7076	Abrar Imtiyaz Patel	7	7	8	14
4	1104	7066	Aditya Hanumant Kokare	7	7	8	14
5	1105	7048	Afrin Gazi Irfan	9	7	8	26
6	1106	7038	Ajinkya Ambadas Biradar	12	12	13	25
7	1107	7097	Awale Shreeya Kishor	13	12	13	28
8	1109	7095	Bandal Yashshree sanjay	8	7	8	14
9	1111	7040	Chalukya Prathmesh Vilas	9	9	10	14
10	1113	7041	Chavan Sujit indrabhan	9	9	10	14
11	1114	7099	Choudhary Vivek Dinesh	10	9	10	22
12	1116	7044	Devkate Neha sanjay	9	9	10	16
13	1118	7101	Dombale Mahendra Dattatray	12	12	13	20
14	1119	7046	Gate Vaibhavi Dadasaheb	10	10	11	16
15	1120	7049	Ghule Samruddhi Ashok	9	8	9	15
16	1122	7050	Godge Sakshi Vitthal	9	8	9	18
17	1124	7054	Jadhav Samruddhi Rajendra	8	7	8	Ab
18	1125	7056	Jadkar Ishwari Popat	12	. 12	13	18
19	1126	7057	Jagtap Harshal Sunil	8	7	8	14
20	1127	7058	Jagtap Hruthuraj Kisan	10	10	11	18
21	1128	7103	Javalkar Pradnya Santosh	13	12	13	30
22	1129	7059	Jiroli Mallikarjun Parmeshwar	9	8	9	18

PU/PN/ CS/485/ 2018 \*JSPM's \*

PRINCIPAL
JSPM's
Jayawantrao Sawant
Commerce & Science College

Hadapsar, Pune - 411 028.



B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

23		32	7061	Karkud Rutuja Ashok	7	7	8	14
24	11		7062	Khadke Janhavi Vinayak	13	13	14	27
25	11	35 7	063	Khalse Bhavana Dipak	9	9	10	22
26	11:	36 7	064	Khan Anam Fatema Feroz	9	8	9	14
27	113	37 7	065	Khilare Saurabh Baburao	7	7	8	14
28	114	0 7	067	Kunjir Prathamesh Manoj	7	7	8	14
29	114	1 70	068	Kusal Pratiksha Chintamini	12	12	13	16
30	114		69	Lad Divya Vasudev	7	7	8	10
31	114	3 71	04	Latthe Vaishnavi Aba	13	12	13	18
32	. 114		81	Lawande Prathamesh Vitthal	7	7	8	14
33	114	7 70	71	Londhe Shreya Nilam	7	7	8	-
34	114	3 70	73	Nanwate Sakshi		10		18
	1150	70		Madhukar	10		- 11	25
35				Patil Vishwajeet Tukaram	8	8	9	14
36	1152		78	Phatke Shreya Shailesh	12	12	13	20
37	1153	_		Phule Aditi Somnath	9	7	8	20
38	1154		li	Prachi Shivankar Dattatray	11	11	12	18
39	1156		1	Sabale Pragati Mahendra	8	7	8	18
40	1157	704		Salve Devaki Sharad	12	12	13	
11	1158	710	9 S	arade Prajakta atnakar	8	8	9	28
2	1159	7110	A	arode Kamlesh rvind	7	7	8	18
3	1160	7111	Pi	hendage Vedanti radeep	8	7	8	14
4	1161	7085	1 5	ninde Ganesh oraknath	10	9	10	14
5	1162	7087	Sh	ninde Rohan Jalindar	7	7	0	
5	1163	7088	Ta	kale Dinkar Bandu	8	9	8	14
1	1164	7089	Th	orat Kirti Kiran	7	7	10	14
	1165	7090	Ti	kone Valmik	7	7	8	Ab 14
	1166	7070		pale Lokesh Jaywant	7	7		
	1169	7092	Wa	ndkar Harshada	9	7	8	14
	1170	7001	_	asaheb			8	
	170	7094	Ya	dav Krushna Sharad	7	7	8	Ab





B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

	1172	7096	Zuveriya Inamdar	9	9	10	16
52				12	12	13	20
53	1173	7086 7084	Shinde Gopika M. Shivani Santosh Shelake	9	8	9	26
	1175	7036	Autade Chaitali	9	8	9	24
55	1176	7114	Sutar Sakshi Sachin	9	8	9	21
56 57	1177	7052	Ingale Vaishnavi Tanaji	10	9	10	27
58	1178	7037	Bhange Shivdeep Anil	9	9	10	19
59	1179	7098	Pole Bapurao Ganpat	9	8	09	25
60	1180	7075	Pawar Nikhil Nanasaheb	10	10	11	22
61	1182	7083	Sasane Atharva Vivekanand	13	12	13	28
62	1183	7072	Mali Rohan Ravikant	10	10	11	25
63	1184	7108	Ramgude Rutika Uttam	9	9	10	20
64	1185	7112	Sherkar Sheha Tukaram	11	11	12	14
65	1186	7100		11	11	12	22
66	1187	7116	Waikar Pratik Sopan	8	7	8	14
67	1188	7106	Vaishnavi Santosh Nimalkar	13	13	14	28

HOD

Principal

PU/PN/ CS/485/ 2018



**Founder Secretary** 

### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

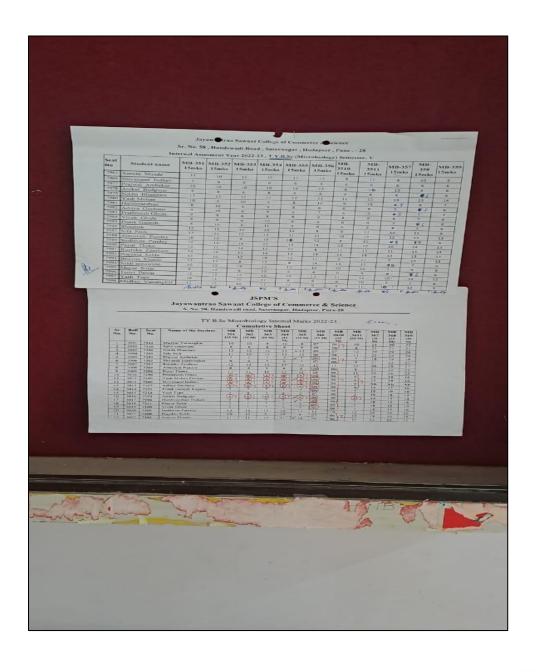
# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
College Code: <a href="Pu/PN/CS/485/2018">PU/PN/CS/485/2018</a>

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

### Internal Assessment Marks displayed on Notice board





PRINCIPAL
JSPM's
Jayawantrao Sawant

Commerce & Science College Hadapsar, Pune - 411 028.



**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

#### **Internal Marks provided to Students**

6.2		Marks	amination Sessior Inward System fo	or Colleges	2306260350064
6/26/2023					1 of l
College Name	CAAP	020790 - Jaya	awantrao Sawant Con	nmerce & Scien	ce College
Pattern Name			JLAR) 2019 Credit	Batch No	202304036335
	Patter	n	OD MICROBIOLOG	Y Exam	INTERNAL OUT OF
Subject Name	1			Type	15
Teacher Name	Dhak	ane Rajesh Da	gadu (Mob. No.: 8788	383470) - Inter	nal Examiner
	1		Absent Students	Not Applical	ble Detained
Total Students	Prese	nt Students	O 0	0	0
24		24	0		
Seat No Marks/G	Grade				•
7			•		
7191 7		M = 1			
7192 8 7193 7					
, 100	)				
7 10 1	7				
	7				
, , , , ,	7				
	7		\$0		
7199	7				
7200	7				
7201	7				
7202	7	4			
7203	7				
7204	12				
7205	7				
7207	12				
7208	7				
7209	9				
7210	8				
7211	6	-			
7212	6	-			
7213	7	-		1830	***
7214	1	Piet	Dhakane	~	Department of Microt Jayawantrao Sawant ( of Commerce & Scie





**Founder Secretary** 

### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

# GRIEVANCE RAISED BY STUDENTS FOR INTERNAL EXAM

After Displaying Internal Marks on notice board, Students will raised for grievance. The grievance of Marks by students will solved by teacher on the basis of performance of student in answer book.

After getting solution on grievance, student will be satisfied and change of marks will be displayed.



**Founder Secretary** 

### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a> Website: www.jspmjscocs.edu.in Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD **Principal** 

### **EXTERNAL EXAMINATION** ASSESSMENT

1. External SPPU Examination notice and Time table for Students

		THIRD YEAR B.SC.(REGULAR)(2019 PATTERN) (INCLUDING VOC) /292/S- 2022
		Microbiology
		SEMESTER - VI
		Time:-10.00 AM To 12.00 PM
ay & Date	Paper Code	Subject
Tuesday 0-01-2023	36191	MB 361 MEDICAL MICROBIOLOGY -II
/ednesday 1-01-2023	36192	MB 362 IMMUNOLOGY -II
Thursday 2-01-2023	36193	MB 363 METABOLISM
Friday 3-01-2023	36194	MB 364 MOLECULAR BIOLOGY
Saturday 4-01-2023	36195	MB 365 FERMENTATION TECHNOLOGY -II
Monday 6-01-2023	36196	MB 366 FOOD MICROBIOLOGY
Tuesday 7-01-2023	361910	MB 3610 WASTE MANAGEMENT
Vednesday 8-01-2023	361911	MB 3611 NANO BIOTECHNOLOGY
		The second secon
		SEMESTER - V Time:-10.00 AM To 12.00 PM
ay & Date	Paper Code	Subject
Thursday 9-01-2023	35191	MB 351 MEDICAL MICROBIOLOGY -I
Friday 0-01-2023	35192	MB 352 IMMUNOLOGY -I
Tuesday 4-01-2023	35193	MB 353 ENZYMOLOGY
Vednesday 5-01-2023	35194	MB 354 GENETICS
Friday 7-01-2023	35195	MB 355 FERMENTATION TECHNOLOGY -I
Saturday 8-01-2023	35196	MB 356 AGRICULTURAL MICROBIOLOGY
Monday 0-01-2023	351910	MB 3510 MARINE MICROBIOLOGY
Tuesday	351911	MB 3511 DAIRY MICROBIOLOGY
1-01-2023		





**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

**External Marks from SPPU portal:** - After conduction of External exam. Marks will be filled on SPPU Portal and same will be displayed on mark sheet of students after University result.

6/27/2023	Mar	ibai Phule Pun Examination Sessi ks Inward System	on 2023 for Colleges	01	527050 174* <sub>70500174</sub>
College Name	CAABORE				1 of 1
Pattern Name	11710 - Ja	ayawantrao Sawant Co	mmerce & Scien	ice College	
CHECKE DE LOCALITY	Pattern B.Sc.(REC	GULAR) 2019 Credit	Batch No	20230401375	2
Subject Name	11191 - MR 1111	A Imp. o		EXTERNAL	OUT OF
Teacher Name	- WOULD WO	KLD	Type	35	
- Traine	Banerjee Sudipta I	Dilipkumar (Mob. No.	: 9113404479) - 1	External Exami	ner
Table					
Total Students	Present Students	Absent Students	Not Applicat	ole Deta	ained
31	27	4	0		0
Seat No Marks/Gra	ide Seat No Mari				
The state of the s	ide Seat No Mark	s/Grade			
7041 18	7106	29			
7044 19	7108	17			
7046 18	7111	19			
7054 (AB		19			
7056 15	7116	(AB)			
7057 20	7160	14			
7059 17					
7061 15		100			
7065 14					
7066 18	The Park	Agot			
7067 24					
7068 18		1115			
7069 18	1982 199				
7071 17		Land Hill			
7075 14					
7076 20		10.1			
7081 17					
7085 14					
7087 19	No.				
7088 22		S. C. C.			
7089 (AB	)				
7090 15					
7094 14					
7095 (AB	)				
7100 20					
Sudipta Bar	neijee		Stamp &	Authorized HEAD tment of Mic	Signatory

PU/PN/ CS/485/ 2018



**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

#### **Declaration of result by SPPU**

Seat No. 7210   Conter: 1538   Perin Reg No(FRN): 1172018291	Branch/C	ourse: I	BACHELOR OF SCI	ENCE (Rev.2019)	- APRIL 2023			
Sem Subject : MICROBIOLOGY  Sem Subject : MICROBIOLOGY  Subject Name Crd Grd Grd Grd Grd Grd Grd Grd Grd Grd G	Seat No:	7210	Center:	1538	Perm Reg No(	PRN):	117201	8291
SUBJECT : MICROBIOLOGY   Subject Name	Student N	tame: St	DNAWANE SAHIL R	RUPESH	Mother I	Vame:	KAVITA	Α.
SubCode   Subject Name   Crid   Gr   Gr   Gr   Gr   Gr   Gr   Gr   G	nst.Name	: 1538	JAYAWANTRAO SA	WANT COMMER	CE & SCIENCE COLLI	EGE P	JNE	
23122A PHY-231 MATHEMATICAL METHODS IN PHYSICS -1 2 A 016 23123 PHY-232 (A) ELECTRONICS 1 2 A 016 23123 PHY-232 PHY-232 PHYSICS LABORATORY-2A 2 A 016 23131 CH-302 INORGANIC AND ANL-YTICAL CHEMISTRY 2 A 016 23132 CH-302 INORGANIC AND ANL-YTICAL CHEMISTRY 2 A 016 23133 CH-303 CHEMISTRY PHACTICAL -1 III 23131 MB 211 MEDICAL MICROBIOLOGY AND MIMINOLOGY 2 A+ 018 23191 MB 211 MEDICAL MICROBIOLOGY AND MIMINOLOGY 2 A+ 018 23193 MB 213 PRACTICAL ENGLISH 2 A 016 23193 MB 213 PRACTICAL BASED ON MB211 & MB212 2 A+ 018 23193 MB 213 PRACTICAL BASED ON MB211 & MB212 2 A+ 018 23214 ACC-II A LANGUAGE - ENGLISH 2 A+ 018 23361 AECC-II ALNGUAGE - ENGLISH 2 A+ 018 23361 AECC-II ALNGUAGE - ENGLISH 2 A+ 018 23361 AECC-II ALNGUAGE - ENGLISH 2 A+ 018 24122 PHY-241 OSCILLATIONS, WAYES & SOUND 2 B+ 014 24122 PHY-242 OPTICS LABDRATORY-3B 24131 CH-402 IPHYSICAL AND ANL-YTICAL CHEMISTRY 2 A+ 016 24132 CH-402 IPHYSICAL AND ANL-YTICAL CHEMISTRY 2 A+ 016 24133 CH-403 CHEMISTRY PRACTICAL -1Y 2 A+ 016 24191 MB 221 BACTERIAL GENETICS 2 A+ 016 24193 MB 223 AR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 AR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 AR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 AR, WATER & SOIL MICROBIOLOGY 2 C 016 24361 AECC-IV A LANGUAGE - ENGLISH 2 A+ 016 24361 AECC-IV A LANGUAGE - ENGLISH 2 A+ 016 24361 AECC-IV A LANGUAGE - ENGLISH 2 A+ 016 24361 AECC-IV A LANGUAGE - ENGLISH 2 A+ 016 24361 AECC-IV A LANGUAGE - ENGLISH 2 A+ 016 24361 AECC-IV A LANGUAGE - BAGIST A BASED ON MB 351 & 012 35191 MB 351 MEDICAL MICROBIOLOGY 2 D+ 016 35191 MB 351 MEDICAL MICROBIOLOGY 2 D+ 016 35191 MB 351 MEDICAL MICROBIOLOGY 2 D+ 016 35192 MB 353 ENZYMOLOGY 2 D+ 016 35193 MB 354 GENERICS - BAGIST A D+ 016 35194 MB 355 ERMENTATION TECHNOLOGY 1 D+ 016 35195 MB 356 AGRICULTURAL MICROBIOLOGY 2 D+ 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 1 D+ 016 35191 MB 351 MEDICAL MICROBIOLOGY 2 D+ 016 35191 MB 351 MEDICAL MICRO		SUBJE	CT : MICROBIOLOG	3Y				
231223 PHY-232 (A) ELECTRONICS   2 A+ 018 23133 CH-301 PHYSICS LABORATORY-2A	Sem	SubCod	e	Subject Nar	ne	Crd	Grd	GP
21131 PHY-233 PHYSICS LABORATORY-2A 21312 CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY 2 A 016 23132 CH-302 CHOMISTRY PRACTICAL - III 23131 MB 211 MEDICAL MICROBIOLOGY AND MMUNOLOGY 2 A+ 018 23191 MB 212 BACTERIAL PHYSICLOGY AND 23193 MB 212 BACTERIAL PHYSICLOGY AND 23193 MB 212 BACTERIAL PHYSICLOGY AND 23193 ME 212 BACTERIAL PHYSICLOGY AND 23194 MEDICAL MICROBIOLOGY AND MMUNOLOGY 2 A+ 018 23195 MEDICAL ANDQUAGE - ENGLISH 23196 MEDICAL MICROBIOLOGY AND D 2 B+ 014 24121 PHY-242 OPTICS 2 B+ 014 24122 PHY-242 OPTICS 2 B+ 014 24123 PHY-242 OPTICS 2 C 016 24133 CH-402 INDROANIC AND ANALYTICAL CHEMISTRY 2 A 016 24131 CH-402 INDROANIC CHEMISTRY 2 D 008 24133 CH-402 INDROANIC CHEMISTRY 2 D 008 24133 CH-402 INDROANIC CHEMISTRY 2 D 008 24192 MB 222 BACTERIAL GENETICS 2 A 016 24192 MB 223 BACTERIAL GENETICS 2 A 016 24193 MB 223 FRACTICAL AND ORGANIC CHEMISTRY 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24121 AECC-III ALANICADE - ENGLISH 24131 MEDICAL MICROBIOLOGY 2 A 016 24131 MEDICAL MICROBIOLOGY 3 D MB 351 MEDICAL MICROBIOLOGY 3 D MB 352 INMUNICLOGY - 1 C A 016 3 D MB 353 ENZYMOLOGY 2 D MB 352 INMUNICLOGY - 2 C 016 3 D MB 353 ENZYMOLOGY 3 D MB 354 ENZYMOLOGY 3 D MB 355 PRACTICAL COURSE - II BASED ON MB 355 & 2 B+ 014 3 D MB 355 PRACTICAL COURSE - II BASED ON MB 355 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 355 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 355 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 014 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 015 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 356 & 2 B+ 016 3 D MB 356 PRACTICAL COURSE - II BASED ON MB 355 & 2 B+ 016 3 D MB 356 PRACTICAL COURSE - II					ODS IN PHYSICS - I			
23131 CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY 2 A 016 23132 CH-302 INDRGANIC AND ORGANIC CHEMISTRY 2 A 016 23133 CH-303 CHEMISTRY PRACTICAL -III 2 A+ 018 23191 MB 211 MEDICAL MICROBIOLOGY AND MMUNOLOGY 2 A+ 018 23192 MB 212 BACTERIAL PHYSICLOGY AND MMUNOLOGY 2 A 016 23193 MB 213 PRACTICAL BASED ON MB211 & MB212 2 A+ 018 23194 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23195 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23196 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23197 AECC-II ENVIRONMENTAL AWARENESS 2 A+ 016 23198 AECC-II ENVIRONMENTAL AWARENESS 2 A+ 016 23199 AECC-II ENVIRONMENTAL AWARENESS 2 A+ 016 23191 AECC-II ENVIRONMENTA								
23132 CH-302 INDRGANIC AND ORGANIC CHEMISTRY 2 A 016 23133 CH-303 CHEMISTRY PRACTICAL -III 2 A+ 018 23191 MB 211 MEDICAL MICROBIOLOGY AND MMUNOLOGY 2 A+ 018 23192 MB 212 BACTERIAL PHYSIOLOGY AND MMUNOLOGY 2 A+ 018 23193 ME 212 BACTERIAL PHYSIOLOGY AND 2 A 016 23193 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23231 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23231 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 232301 AECC-I ENVIRONMENTAL AWARENESS 2 O 020 24122 PHY-242 OPTICS 2 B+ 014 24123 PHY-242 OPTICS 2 B+ 014 24123 PHY-243 PYSICS LABORATORY-2B 2 A+ 016 24131 CH-402 INDRGANIC AND ANALYTICAL CHEMISTRY 2 A 016 24132 CH-402 INDRGANIC AND ORGANIC CHEMISTRY 2 D 008 24133 CH-403 CHEMISTRY PRACTICAL -IV 2 A+ 018 24192 MB 221 BACTERIAL GENETICS 2 A 016 24193 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24191 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A 016 24321 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 24321 AECC-III BASED ON MB221 & MB 23 D RACTICAL STANDARD 2 A 016 24321 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 24331 MEDICAL MICROBIOLOGY 2 A 016 243519 MB 351 ENVIRONMENTAL AWARENESS 2 A 016 25191 MB 351 ENVIRONMENTAL AWARENESS 2 A 016 25192 MB 352 EMPLAY MICROBIOLOGY 2 A 016 25193 MB 353 ENVIROLOGY 2 A 016 25194 MB 354 ERPACTICAL COURSE -II BASED ON MB 351 & A 016 25195 MB 355 PRACTICAL COURSE -II BASED ON MB 355 & D 012 25196 MB 356 PRACTICAL COURSE -II BASED ON MB 351 & A 016 25197 MB 351 THAN OB BOTECHNOLOGY -II 2 A 016 25198 MB 356 PRACTICAL COURSE -II BASED ON MB 351 & A 016 25199 MB 356 PRACTICAL COURSE -II BASED ON MB 355 & A 016 25199 MB 356 PRACTICAL COURSE -II BASED ON MB 355 & A 016 25199 MB 356 PRACTICAL COURSE -II BASED ON MB 355 & A 016 25199 MB 356 PRACTICAL COURSE -II BASED ON MB 355 & A 016 25199 MB 356 PRACTICAL COURSE -II BASED ON MB 355 & A 016								
20191   MB 211 MEDICAL MICROBIOLOGY AND MMUNOLOGY   2 A								
### 21192   MB 212 BACTERIAL PHYSIOLOGY AND EXEMPLE TO THE REMENTATION TECHNOLOGY   2   A   018   ### 21393   MB 213 PRACTICAL BASED ON MB211 & MB212   2   A   018   ### 22301   AECC-II LANGUAGE - ENGLISH   2   A   018   ### 2121   PHY-241 OSCILLATIONS, WAVES & SOUND   2   B   014   ### 21121   PHY-242 OPTICS   2   B   014   ### 21122   PHY-242 OPTICS   2   B   014   ### 21131   CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY   2   A   016   ### 21131   CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY   2   A   016   ### 21132   CH-402 INDRGANIC AND ORGANIC CHEMISTRY   2   D   008   ### 21133   CH-403 CHEMISTRY PRACTICAL - IV   2   A   018   ### 21134   CH-401 PHYSICAL ENERTICS   2   A   016   ### 21133   CH-403 CHEMISTRY PRACTICAL - IV   2   A   016   ### 2122   MB 222 AIR, WATER & SOIL MICROBIOLOGY   2   C   010   ### 2133   CH-403 CHEMISTRY PRACTICAL - IV   2   A   016   ### 2133   MB 223 PRACTICAL BASED ON MB221 & MB222   2   A   016   ### 2135   AECC-III BASED ON MB221 & MB222   2   A   016   ### 2135   AECC-III BASED ON MB221 & MB222   2   A   016   ### 2136   AECC-III BASED ON MB221 & MB222   2   A   016   ### 2136   AECC-III BASED ON MB221 & MB222   A   016   ### 2136   AECC-III BASED ON MB 351   A   016   ### 3510   MB 351 MEDICAL MICROBIOLOGY   2   A   016   ### 3510   MB 351 DAIRY MIGROBIOLOGY   2   A   016   ### 3510   MB 352 PRACTICAL COURSE - II BASED ON MB 351 & 2   A   016   ### 3510   MB 354 PRACTICAL COURSE - II BASED ON MB 353 & 2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 353 PRACTICAL COURSE - II BASED ON MB 353 & 2   A   016   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510   MB 351 NADICAL MICROBIOLOGY   2   B   012   ### 3510		23133	CH-303 CHEMIS	TRY PRACTICAL	- 111	2	A+	018
### REMINITATION TECHNOLOGY   2 A+ 018   23321   AECC-II A LANGUAGE - ENGLISH   2 A+ 018   23321   AECC-II A LANGUAGE - ENGLISH   2 A+ 018   23321   AECC-II A LANGUAGE - ENGLISH   2 A+ 018   24122   PHY-241 OSCILLATIONS, WAVES & SOUND   2 B+ 014   24123   PHY-242 OPTICS   2 B+ 014   24123   PHY-243 PHYSIGN AND REMINITARY   2 A+ 016   24123   PHY-243 PHYSIGN AND REMINITARY   2 A+ 016   24123   PHY-243 PHYSIGN AND REMINITARY   2 A+ 016   24132   CH-402 INDERGANIC AND ORGANIC CHEMISTRY   2 A+ 016   24132   CH-402 INDERGANIC AND ORGANIC CHEMISTRY   2 A+ 016   24132   CH-402 INDERGANIC AND ORGANIC CHEMISTRY   2 A+ 018   24191   MB 221 BACTERIAL GENETICS   2 A+ 016   24192   MB 222 INC. WATER & SOIL MICROBIOLOGY   2 C+ 010   24193   MB 223 PRACTICAL BASED ON MB221 & MB222   2 A+ 016   24321   AECC-IV A LANGUAGE - ENGLISH   2 A+ 016   AECC-III ABS A B- 35192   AECC-IV A LANGUAGE - ENGLISH   2 A+ 016   AECC-III AECC-IV A LANGUAGE - ENGLISH   2 A+ 016   AECC-III AECC-IV A AECC-IV								
23193 MB 213 PRACTICAL BASED ON MB211 & MB212 2 A+ 018 23321 AECC-II A LANGUAGE - ENGLISH 2 A+ 018 23361 AECC-I ENVIRONMENTAL AWARENESS 2 O 020 4 24121 PHY-241 OSCILLATIONS, WAVES & SOUND 2 B+ 014 24122 PHY-242 OPTICS 2 B+ 014 24123 PHY-243 PHYSIGS LABDRATORY-28 2 A 016 24131 CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY 2 A 016 24132 CH-402 INORGANIC AND ORDANIC CHEMISTRY 2 D 008 24133 CH-403 CHEMISTRY PRACTICAL -IV 2 A+ 018 24191 MB 221 BACTERIAL GENETICS 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 24321 AECC-IV A LANGUAGE - ENGLISH 2 A 016 24321 AECC-IV A LANGUAGE - ENGLISH 2 A 016 25191 MB 351 MEDICAL MICROBIOLOGY 1 C A+ 018 35191 MB 351 MEDICAL MICROBIOLOGY 1 C A+ 018 35191 MB 351 DAIRY MICROBIOLOGY 1 C A+ 016 35191 MB 351 DAIRY MICROBIOLOGY 2 A 016 35191 MB 351 DAIRY MICROBIOLOGY 2 A 016 35192 MB 352 ENZYMOLOGY 2 A 016 35193 MB 353 ENZYMOLOGY 1 C A 016 35196 MB 356 FERMENTATION TECHNOLOGY -I C A 016 35197 MB 357 PRACTICAL COURSE -II BASED ON MB 351 & 012 35198 MB 358 PRACTICAL COURSE -II BASED ON MB 353 & A 016 35199 MB 359 PRACTICAL COURSE -III BASED ON MB 353 & DOWNLOAD DETECTION OF COURSE -III BASED ON MB 353 & DOWNLOAD DETECTION OF COURSE -III BASED ON MB 353 & DOWNLOAD DETECTION OF COURSE -III BASED ON MB 353 & DOWNLOAD DETECTION OF COURSE -III BASED ON MB 351 & A 016 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 353 FERMENTATION TECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B 012 35191 MB 351 NANO BIOTECHNOLOGY -I C B		23192	MB 212 BACTER	RIAL PHYSIOLOG N TECHNOLOGY	Y AND	2	A	016
2361 AECC-I ENVIRONMENTAL AWARENESS 2 0 020 41212 PHY-242 OPTICS 2 B+ 014 24122 PHY-242 OPTICS 2 B+ 014 24123 PHY-243 PHYSIGS LABORATORY-2B 2 A 016 24131 CH-401 PHYSIGAL AND ANALYTICAL CHEMISTRY 2 A 016 24132 CH-402 INDORGANIC AND ORGANIC CHEMISTRY 2 D 000 24133 CH-403 CHEMISTRY PRACTICAL -I V 2 A+ 018 241491 MB 221 BACTERIAL GENETICS 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A+ 016 24321 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 24321 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 25191 MB 351 DARINE MICROBIOLOGY 1 C A+ 018 251910 MB 3510 MARINE MICROBIOLOGY 2 C B 012 351911 MB 3511 DARY MICROBIOLOGY 2 C B 012 35193 MB 353 ENZYMOLOGY 2 C B 012 35194 MB 354 GENETICS 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 1 C A 016 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 353 & A 016 35199 MB 359 PRACTICAL COURSE -I BASED ON MB 353 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 353 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 353 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD DETECTORY COURSE -I BASED ON MB 355 & DOWNLOAD COURSE -I BASED ON MB 351 & A 016 35195 MB 356 PRACTICAL COURSE -I BASED ON MB 361 & A 016 35196 MB 356 PRACTICAL COURSE -II BASED ON MB 365 & A 016	- 3	23193			MB211 & MB212		Ar	018
24121 PHY-241 OSCILLATIONS, WAVES & SOUND 2 B+ 014 24122 PHY-242 OPTICS 2 B+ 014 24123 PHY-243 PHYSICS LABORATORY-2B 24131 CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY 2 A 016 24132 CH-402 INDRGANIC AND ANALYTICAL CHEMISTRY 2 D 008 24133 CH-403 CHEMISTRY PRACTICAL - IV 2 A+ 018 24191 MB 221 BAGTERIAL GENETICS 2 A 016 24192 MB 222 AIR WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A 016 24321 AECC-IV A LANGUAGE - ENGLISH 2 A 016 24321 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY - 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY - 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY - 2 A 016 35191 MB 351 DAIRY MICROBIOLOGY - 2 A 016 35191 MB 353 ENZYMOLOGY - 2 B 012 35193 MB 353 ENZYMOLOGY - 2 B 012 35194 MB 354 GENETICS 35196 MB 355 FERMENTATION TECHNOLOGY - 1 A 016 35196 MB 356 PRACTICAL COURSE - II BASED ON MB 353 & 2 A 016 MB 3519 MB 352 PRACTICAL COURSE - II BASED ON MB 353 & 2 B 012 35191 MB 351 MEDICAL MICROBIOLOGY - 2 B 012 35193 MB 352 PRACTICAL COURSE - III BASED ON MB 355 & 2 B 012 35194 MB 356 PRACTICAL COURSE - II BASED ON MB 355 & 2 B 012 35195 MB 356 PRACTICAL COURSE - II BASED ON MB 355 & 2 B 012 35196 MB 356 PRACTICAL COURSE - III BASED ON MB 355 & 2 B 012 35197 MB 357 PRACTICAL COURSE - III BASED ON MB 355 & 2 B 012 35199 MB 363 METABOLISM - 2 C 010 36191 MB 363 METABOLISM - 2 C 010 36193 MB 363 METABOLISM - 2 C 010 36194 MB 365 FERMENTATION TECHNOLOGY - 1 C DAVISIONED DAVIS - 2 C 010 36195 MB 365 FERMENTATION TECHNOLOGY - 1 C DAVIS - 2 C 010 36196 MB 366 PRACTICAL COURSE - II BASED ON MB 361 & 2 A 016 36197 MB 367 PRACTICAL COURSE - II BASED ON MB 361 & 2 A 016 36198 MB 368 PRACTICAL COURSE - I BASED ON MB 361 & 2 A 016 36199 MB 368 PRACTICAL COURSE - II BASED ON MB 361 & 2 A 016 36199 MB 368 PRACTICAL COURSE - II BASED ON MB 365 & 2 A 016								
24122 PHY-242 OPTICS 24123 PHY-243 PHYSICS LABORATORY-2B 24123 PHY-243 PHYSICS LABORATORY-2B 24131 CH-401 PHYSICAL AND ANALYTICAL CHEMISTRY 2 A 016 24132 CH-402 INDROANIC AND ORGANIC CHEMISTRY 2 D 008 24133 CH-403 CHEMISTRY PRACTICAL - IV 2 A 018 24191 MB 221 BACTERIAL GENETICS 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A 016 24321 AECC-IV A LANGUAGE - ENGLISH 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY 3 D 018 35191 MB 351 MARINE MICROBIOLOGY 2 D 018 35191 MB 351 MARINE MICROBIOLOGY 2 D 016 35193 MB 353 ENZYMOLOGY 3 D 016 35194 MB 354 GENETICS 35195 MB 355 FERMENTATION TECHNOLOGY -I 35196 MB 356 AGRICULTURAL MICROBIOLOGY 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 351 & 2 A 016 MB 359 PRACTICAL COURSE -I BASED ON MB 353 & 2 A 016 MB 359 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 359 PRACTICAL COURSE -II BASED ON MB 355 & 2 B 012 36191 MB 360 MB 3								
24123 PHY-243 PHYSICS LABORATORY-28	-				S & SOUND			0.1-1
24132 CH-402 INDRGANIC AND ORGANIC CHEMISTRY 2 D 008 24133 CH-403 CHEMISTRY PRACTICAL - IV 2 A+ 018 24191 MB 221 BACTERIAL GENETICS 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A 016 2421 AECC-IV A LANGUAGE - ENGLISH 2 A 016 24361 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY 1 2 A+ 018 351910 MB 351 MEDICAL MICROBIOLOGY 2 B 012 351911 MB 3511 DAIRY MICROBIOLOGY 2 A 016 35192 MB 352 ENZYMOLOGY 1 2 A 016 35193 MB 353 ENZYMOLOGY 2 B 012 35194 MB 355 FERMENTATION TECHNOLOGY 1 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 2 B 012 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 353 A 016 35198 MB 358 PRACTICAL COURSE -I BASED ON MB 355 A B 014 35199 MB 359 PRACTICAL COURSE -III BASED ON MB 355 A D 016 35191 MB 351 WASTE MANAGEMENT 2 B 012 36191 MB 361 NANIO BIOTECHNOLOGY -I 2 B 012 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 355 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 355 A D 016 36191 MB 361 NANIO BIOTECHNOLOGY -I 2 B 012 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 355 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 355 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 355 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 365 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 365 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 365 A D 016 36191 MB 363 PRACTICAL COURSE -III BASED ON MB 365 A D 016 36191 MB 365 PRACTICAL COURSE -III BASED ON MB 365 A D 016 36191 MB 365 PRACTICAL COURSE -II BASED ON MB 365 A D 016 36191 MB 365 PRACTICAL COURSE -II BASED ON MB 365 A D 016 36191 MB 365 PRACTICAL COURSE -II BASED ON MB 365 A D 016 36198 MB 366 PRACTICAL COURSE -II BASED ON MB 365 A D 016 36199 MB 368 PRACTICAL COURSE -III BASED ON MB 365 A D 016 36199 MB 368 PRACTICAL COURSE -III BASED ON MB 365 A D 016					Y-2B			
24133 CH-403 CHEMISTRY PRACTICAL -IV 2 A+ 018 24191 MB 221 BACTERIAL GENETICS 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 Z A 016 24221 AECC-IV A LANGUAGE - ENGLISH 2 A 016 24361 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY 1 2 A+ 018 351910 MB 3510 MARINE MICROBIOLOGY 1 2 A 016 35192 MB 352 IMMUNOLOGY 2 A 016 35193 MB 353 ENZYMOLOGY 2 A 016 35194 MB 354 GENETICS 2 A 016 35195 MB 355 FERMENTATION TECHNOLOGY 1 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 2 B 012 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 353 & A 016 35198 MB 358 PRACTICAL COURSE -II BASED ON MB 355 & B 012 36191 MB 3610 WASTE MANAGEMENT 2 B 012 36191 MB 3611 WASTE MANAGEMENT 2 B 012 36192 MB 362 IMMUNOLOGY -II DOWNLOAD DIRECTORY 36191 MB 363 METABOLISM 2 C 010 36192 MB 363 METABOLISM 2 C 010 36193 MB 363 METABOLISM 2 C 010 36194 MB 365 PRACTICAL COURSE -I BASED ON MB 355 & DOWNLOAD DIRECTORY 36191 MB 3610 WASTE MANAGEMENT 2 B 012 36192 MB 362 IMMUNOLOGY -II 2 C 010 36193 MB 363 METABOLISM 2 C 010 36194 MB 365 METABOLISM 2 C 010 36195 MB 365 PRACTICAL COURSE -I BASED ON MB 355 & DOWNLOAD DIRECTORY 36196 MB 365 PRACTICAL COURSE -II BASED ON MB 355 & DOWNLOAD DIRECTORY 36197 MB 3610 WASTE MANAGEMENT 2 B 012 36196 MB 365 PRACTICAL COURSE -II BASED ON MB 355 & DOWNLOAD DIRECTORY 36196 MB 365 PRACTICAL COURSE -II BASED ON MB 365 & DOWNLOAD DIRECTORY 36196 MB 365 PRACTICAL COURSE -I BASED ON MB 365 & A 016 36197 MB 365 PRACTICAL COURSE -I BASED ON MB 365 & A 016 36196 MB 366 PRACTICAL COURSE -II BASED ON MB 361 & A 016 36197 MB 367 PRACTICAL COURSE -II BASED ON MB 365 & A 016 36199 MB 368 PRACTICAL COURSE -II BASED ON MB 365 & A 016 36199 MB 368 PRACTICAL COURSE -II BASED ON MB 365 & A 016	- 2	24131						016
24191 MB 221 BACTERIAL GENETICS 2 A 016 24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A 016 24321 AECC-IV A LANGUAGE - ENGLISH 2 A 016 24361 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY 1 2 A-018 351910 MB 3510 MARINE MICROBIOLOGY 2 B 012 351911 MB 3511 DAIRY MICROBIOLOGY 2 A 016 35192 MB 352 IMMUNOLOGY 1 2 A 016 35193 MB 353 ENZYMOLOGY 2 B 012 35194 MB 354 GENETICS 2 A 016 35195 MB 355 FERMENTATION TECHNOLOGY 1 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 2 B 012 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 351 & A 016 35198 MB 358 PRACTICAL COURSE -III BASED ON MB 355 A B 012 35199 MB 359 PRACTICAL COURSE -III BASED ON MB 355 A D 014 36191 MB 3611 NANO BIOTECHNOLOGY 1 DOWNROAD Date: 22,077/2023  1012 36191 MB 361 MEDICAL MICROBIOLOGY 1 2 B 012 36191 MB 3610 WASTE MANAGEMENT 2 B 012 36191 MB 3610 WASTE MANAGEMENT 2 B 012 36192 MB 363 FERMENTATION TECHNOLOGY -II 2 A 016 36193 MB 363 FERMENTATION TECHNOLOGY -II 2 C 010 36191 MB 3610 WASTE MANAGEMENT 2 B 012 36192 MB 363 FRACTICAL COURSE -III BASED ON MB 355 A D 014 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY -II 2 A 016 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY -II 2 B 012 36197 MB 367 PRACTICAL COURSE -II BASED ON MB 361 A 016 36197 MB 367 PRACTICAL COURSE -II BASED ON MB 361 A 016 36198 MB 368 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY -II 2 B 012 36197 MB 367 PRACTICAL COURSE -II BASED ON MB 365 A 0 16 36198 MB 368 FRACTICAL COURSE -II BASED ON MB 365 A 0 016 36199 MB 368 PRACTICAL COURSE -II BASED ON MB 365 A 0 016								
24192 MB 222 AIR, WATER & SOIL MICROBIOLOGY 2 C 010 24193 MB 223 PRACTICAL BASED ON MB221 & MB222 2 A 016 24321 AECC-IV A LANGUAGE - ENGLISH 2 A 016 24321 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY 1 2 A-018 351910 MB 351 MEDICAL MICROBIOLOGY 2 B 012 351911 MB 3511 DAIRY MICROBIOLOGY 2 A 016 35192 MB 352 IMMUNOLOGY 1 2 A 016 35193 MB 353 ENZYMOLOGY 2 B 012 35194 MB 354 GENETICS 2 A 016 35195 MB 355 FERMENTATION TECHNOLOGY 1 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 2 B 012 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 351 & 016 35198 MB 358 PRACTICAL COURSE -III BASED ON MB 355 & DWIND MB 356 35199 MB 356 PRACTICAL COURSE -III BASED ON MB 355 & DWIND MB 357  Savilribai Phule Pune University, Online Result Download Date: 22,607/2023  DOWNLOAD DATE: 2 B 012 36191 MB 3611 WASTE MANAGEMENT 2 B 012 36192 MB 362 IMMUNOLOGY -II 2 A 016 36191 MB 363 METABOLISM 2 C 010 36194 MB 363 METABOLISM 2 C 010 36195 MB 364 MOLECULAR BIOLOGY 2 B 012 36196 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 365 PRACTICAL COURSE -I BASED ON MB 365 & 2 B-012 36196 MB 365 PRACTICAL COURSE -I BASED ON MB 365 & 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 368 & A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36199 MB 368 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36199 MB 368 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36199 MB 368 PRACTICAL COURSE -I BASED ON MB 365 & A 016 36199 MB 368 PRACTICAL COURSE -II BASED ON MB 365 & A 016					- IV			
24193 MB 223 PRACTICAL BASED ON MB221 & MB222  24301 AECC-IV A LANGUAGE - ENGLISH 24321 AECC-IV A LANGUAGE - ENGLISH 24321 AECC-IV A LANGUAGE - ENGLISH 24361 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 35191 MB 351 MEDICAL MICROBIOLOGY -1 2 A 016 35191 MB 351 MARINE MICROBIOLOGY -2 35191 MB 351 MARINE MICROBIOLOGY -2 35191 MB 352 ENZYMOLOGY -2 3 016 35192 MB 353 ENZYMOLOGY -2 3 016 35193 MB 353 ENZYMOLOGY -2 3 016 35194 MB 354 GENETICS -2 35195 MB 355 FERMENTATION TECHNOLOGY -1 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY -2 35197 MB 357 PRACTICAL COURSE -1 BASED ON MB 351 & 2 4 016 35198 MB 358 PRACTICAL COURSE -1 BASED ON MB 353 & 2 35199 MB 359 PRACTICAL COURSE -1 BASED ON MB 355 & 2 35199 MB 359 PRACTICAL COURSE -1 BASED ON MB 355 & 2 35191 MB 351 NANO BIOTECHNOLOGY -1 36191 MB 361 NEDICAL MICROBIOLOGY -1 36191 MB 361 NANO BIOTECHNOLOGY -1 36192 MB 363 METABOLISM -2 36193 MB 363 METABOLISM -2 36194 MB 365 FERMENTATION TECHNOLOGY -1 36195 MB 365 FERMENTATION TECHNOLOGY -1 36196 MB 366 FOOD MICROBIOLOGY -1 36197 MB 367 PRACTICAL COURSE -1 BASED ON MB 361 & 2 4 016 36198 MB 368 FERMENTATION TECHNOLOGY -1 36196 MB 366 FOOD MICROBIOLOGY -1 36197 MB 367 PRACTICAL COURSE -1 BASED ON MB 361 & 2 4 016 36198 MB 368 PRACTICAL COURSE -1 BASED ON MB 361 & 2 4 016 36199 MB 369 PRACTICAL COURSE -1 BASED ON MB 365 & 2 4 016 36199 MB 369 PRACTICAL COURSE -1 BASED ON MB 365 & 2 4 016 36199 MB 369 PRACTICAL COURSE -1 BASED ON MB 365 & 2 4 016 36199 MB 369 PRACTICAL COURSE -1 BASED ON MB 365 & 2 4 016 36199 MB 369 PRACTICAL COURSE -1 BASED ON MB 365 & 2 4 016	100				ROBIOLOGY			
24361 AECC-III ENVIRONMENTAL AWARENESS 2 A 016 5 35191 MB 351 MEDICAL MICROBIOLOGY -1 2 A+ 018 351910 MB 3510 MARINE MICROBIOLOGY 2 B 012 351911 MB 3511 DAIRY MICROBIOLOGY 2 A 016 35192 MB 352 IMMUNOLOGY -1 2 A 016 35193 MB 353 ENZYMOLOGY 2 B 012 35194 MB 354 GENETICS 2 A 016 35195 MB 355 FERMENTATION TECHNOLOGY -1 2 A 016 35196 MB 356 AGRICULTURAL MICROBIOLOGY 2 B 012 35197 MB 357 PRACTICAL COURSE -1 BASED ON MB 351 & 2 A 016 35198 MB 358 PRACTICAL COURSE -1 BASED ON MB 353 & A 016 35199 MB 359 PRACTICAL COURSE -1 BASED ON MB 355 & B+ 014 MB 356  Of 2 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023								
35191								
351910								
351911								
35192 MB 352 IMMUNOLOGY -I 35193 MB 353 ENZYMOLOGY 35194 MB 354 GENETICS 35195 MB 355 FERMENTATION TECHNOLOGY -I 35196 MB 356 AGRICULTURAL MICROBIOLOGY -I 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 351 & 2 A 016 35198 MB 358 PRACTICAL COURSE -II BASED ON MB 353 & 2 A 016 35199 MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B + 014 MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B + 014  Of 2 Savitribai Phule Pune University, Online Result Download Date: 22,07/2023  5 36191 MB 361 MEDICAL MICROBIOLOGY -II 2 C 010 361910 MB 3610 WASTE MANAGEMENT 2 B 012 36191 MB 361 I NANO BIOTECHNOLOGY 2 B 012 36192 MB 362 IMMUNOLOGY -II 2 A 016 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY -II 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY -II 2 B 012 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & 2 A 016 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 361 & 2 A 016 36199 MB 368 PRACTICAL COURSE -II BASED ON MB 365 & 2 A 016								
35194		35192				2		016
35195								
35196 MB 356 AGRICULTURAL MICROBIOLOGY 2 B 012 35197 MB 357 PRACTICAL COURSE -I BASED ON MB 351 & 2 A 016 MB 352 35198 MB 358 PRACTICAL COURSE -II BASED ON MB 353 & 2 A 016 MB 359 PRACTICAL COURSE -III BASED ON MB 353 & 2 B+ 014 MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B+ 014 MB 359  Of 2 Saviiribai Phule Pune University, Online Result Download Date: 22,07/2023								
35197 MB 357 PRACTICAL COURSE -I BASED ON MB 351 & 2 A 016 MB 352 MB 358 PRACTICAL COURSE -II BASED ON MB 353 & 2 A 016 MB 359 MB 359 PRACTICAL COURSE -III BASED ON MB 353 & 2 B+ 014 MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B+ 014 MB 350 MB 350 PRACTICAL COURSE -III BASED ON MB 355 & 2 B+ 014 MB 350 M								
MB 352 MB 358 PRACTICAL COURSE -II BASED ON MB 353 & 2 A 016 MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B+ 014 MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B+ 014 MB 350  Savitribal Phule Pune University, Online Result Download Date: 22,67/2023  Download Date: 22,67/2023  Download Date: 22,67/2023  MB 36191 MB 361 MEDICAL MICROBIOLOGY -II 2 C 010 MB 361910 MB 3610 WASTE MANAGEMENT 2 B 012 MB 361911 MB 3611 NANO BIOTECHNOLOGY 2 B 012 MB 36192 MB 362 IMMUNOLOGY -II 2 A 016 MB 36193 MB 363 METABOLISM 2 C 010 MB 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 MB 365 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 MB 36196 MB 366 FOOD MICROBIOLOGY 2 B 012 MB 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & 2 A 016 MB 36198 MB 366 PRACTICAL COURSE -II BASED ON MB 365 & 2 A 016 MB 369 PRACTICAL COURSE -II BASED ON MB 365 & 2 A 016								
MB 359 PRACTICAL COURSE -III BASED ON MB 355 & 2 B+ 014     MB 356			MB 352					
MB 356  Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Download Date: 22,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date: 2,077/2023  5 Savitribal Phule Pune University, Online Result Date		35198				2	A	016
6 36191 MB 361 MEDICAL MICROBIOLOGY -II 2 C 010 361910 MB 3610 WASTE MANAGEMENT 2 B 012 361911 MB 3611 NANO BIOTECHNOLOGY 2 B 012 36192 MB 362 IMMUNOLOGY -II 2 A 016 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 & A 016 36199 MB 369 PRACTICAL COURSE -II BASED ON MB 365 & A 016	3	35199		CAL COURSE -III	BASED ON MB 355 &	2	B+	014
361910 MB 3610 WASTE MANAGEMENT 2 B 012 361911 MB 3611 NANO BIOTECHNOLOGY 2 B 012 36192 MB 362 IMMUNOLOGY -II 2 A 016 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36198 MB 368 FRACTICAL COURSE -II BASED ON MB 363 A 016 36199 MB 369 PRACTICAL COURSE -II BASED ON MB 365 & A 016	of 2		Savitribai	Phule Pune Unive	rsity,Online Result	Down	nioad D	ate:22/07/2023
361910 MB 3610 WASTE MANAGEMENT 2 B 012 361911 MB 3611 NANO BIOTECHNOLOGY 2 B 012 36192 MB 362 IMMUNOLOGY -II 2 A 016 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36198 MB 368 FRACTICAL COURSE -II BASED ON MB 363 A 016 36199 MB 369 PRACTICAL COURSE -II BASED ON MB 365 & A 016								
361910 MB 3610 WASTE MANAGEMENT 2 B 012 361911 MB 3611 NANO BIOTECHNOLOGY 2 B 012 36192 MB 362 IMMUNOLOGY-II 2 A 016 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY-II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & A 016 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 & A 016 36199 MB 369 PRACTICAL COURSE -II BASED ON MB 365 & A 016	5	95191	MB 361 MEDICA	L MICROBIOLOG	X -11	2	C	010
36192 MB 362 IMMUNOLOGY -II 2 A 016 36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 A 016 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 A 016 36199 MB 369 PRACTICAL COURSE -II BASED ON MB 365 A 016						2	В	012
36193 MB 363 METABOLISM 2 C 010 36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & 2 A 016 MB 362 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 & 2 A 016 36199 MB 369 PRACTICAL COURSE -III BASED ON MB 365 & 2 A 016					Y			
36194 MB 364 MOLECULAR BIOLOGY 2 B 012 36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 A 016 MB 364 MB 364 36199 MB 369 PRACTICAL COURSE -II BASED ON MB 365 & 2 A 016								
36195 MB 365 FERMENTATION TECHNOLOGY -II 2 B 012 36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & 2 A 016 MB 362 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 & 2 A 016 36199 MB 369 PRACTICAL COURSE -III BASED ON MB 365 & 2 A 016								
36196 MB 366 FOOD MICROBIOLOGY 2 A 016 36197 MB 367 PRACTICAL COURSE -I BASED ON MB 361 & 2 A 016 36198 MB 369 PRACTICAL COURSE -II BASED ON MB 363 & 2 A 016 36199 MB 369 PRACTICAL COURSE -III BASED ON MB 365 & 2 A 016					OLOGY -II			
MB 362 36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 & 2 A 016 MB 364 36199 MB 369 PRACTICAL COURSE -III BASED ON MB 365 & 2 A 016			MB 366 FOOD N	ICROBIOLOGY			A	
36198 MB 368 PRACTICAL COURSE -II BASED ON MB 363 & 2 A 016 MB 364 36199 MB 369 PRACTICAL COURSE -III BASED ON MB 365 & 2 A 016	3	96197	MB 367 PRACTI	CAL COURSE -I E	BASED ON MB 361 &	2	A	016
MB 364 36199 MB 369 PRACTICAL COURSE-III BASED ON MB 365 & 2 A 016	- 1	96198	MB 368 PRACTI	CAL COURSE -II	BASED ON MB 363 &	2	A	016
			MB 364 MB 369 PRACTI					
SGPA : (1) 9.00 (2) 9.00 (3) 8.73 (4) 7.27 (5) 7.45 (6) 6.73			MB 366			5000		
TOTAL : CREDITS 88 ADDON CREDITS : 7 GRADE POINTS 664		TOTAL :	CREDITS 88 ADD	ON CREDITS: 7	GRADE POINTS 664			W. C.
F.Y.: CREDITS 44 ADD-ON CREDITS 4 GRADE POINTS 396 % of MARKS: 64.18 CGPA: 8.03 FINAL GRADE: A					ADE POINTS 396 % of	MARH	S: 64.	18 CGPA :
RESULT DATE: 22 July 2023  The results published online are for immediate information only. These cannot be treated as original statement of marks, Please verify the information from original statement of marks issued by the Savitribai Phule Pune	The root				n only. There	francis :		in at atatament





**Founder Secretary** 

#### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S**

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
 Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
 Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
 College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

### GRIEVANCE RAISED BY STUDENTS FOR EXTERNAL EXAM

After University result, if student are not satisfied with marks, then they will raised grievance. The procedure for grievance is as follows:-

- 1. Students apply for Grievance on SPPU portal by filling application online.
- 2. Student get Photocopy of Answer sheet
- 3. Student verify answer sheet
- 4. Acceptance by students and grievance closed.

SA						
	VITRIBAI PHULE I	PUNE L	INIVERSITY Application For			
			Application Fol	m No.		
10 May 2023	34		12	210055089		
APPLICATION FOR	M FOR PHOTOCOPY/XE	ROX COP	Y OF ANSWER BOOKS			
The Application form     Don't send hard cop     College.						
DIRECTOR, BOARD OF EXAMINATE EVALUATION, SAVITRIBAI PHULE PU GANESHKHIND, PUNE Sir, I, the undersigned, requiper details	JNE UNIVERSITY, 411007.	issuexe	ox copy of my answ	er book(s) as		
given below:		SONAV	ANE SAHIL RUPES	ы		
College		JAYAWANTRAO SAWANT COMMERCE				
		& SCIEN	ICE COLLEGE PUN	IE		
Exam Month & Year		202210				
No. of Subjects appear		5				
	ared	1538				
Centre at which appear						
Seat No.		7994				
Seat No. PRN No.		1172018				
Seat No. PRN No. (Subject(s)	for Xerox Copy of An	1172018 swer Bo	ok(s) [Theory Subjec			
Seat No. PRN No. (Subject(s) Subject Code	for Xerox Copy of An	1172018 swer Bo	ok(s) [Theory Subject Marks Obt.	Photocopy		
Seat No. PRN No. (Subject(s)	for Xerox Copy of An	1172018 swer Bo	ok(s) [Theory Subject Marks Obt.	Photocopy/		
Seat No. PRN No. (Subject(s) Subject Code	for Xerox Copy of An Subject Name MB 351 MEDICAL MICROBIOLOGY MB 3510 MARINE	1172018 swer Bo	ok(s) [Theory Subject Marks Obt.	Photocopy/ Scancopy Photocopy/		
Seat No. PRN No. (Subject(s) Subject Code 35191	for Xerox Copy of An Subject Nam MB 351 MEDICAI MICROBIOLOGY MB 3510 MARINE MICROBIOLOGY MB 3511 DAIRY	1172018 swer Bo e L 	ok(s) [Theory Subject Marks Obt. 10	Photocopy/ Scancopy/ Photocopy/ Scancopy/ Photocopy/		
Seat No. PRN No. (Subject(s) Subject Code 35191 351910	for Xerox Copy of An  Subject Nam  MB 351 MEDICAI MICROBIOLOGY MB 3510 MARINE MICROBIOLOGY	1172018 swer Bo e L I	ok(s) [Theory Subject Marks Obt. 10 11	Photocopy/ Scancopy/ Photocopy/ Scancopy		
Seat No. PRN No. (Subject(s)  Subject Code 35191 351910 351911	for Xerox Copy of An Subject Nam MB 351 MEDICAI MICROBIOLOGY MB 3510 MARINE MICROBIOLOGY MB 3511 DAIRY MICROBIOLOGY MB 352 IMMUNOLOGY -1 MB 356 AGRICULTURAL	1172018 sswer Bo e L I	ok(s) [Theory Subject Marks Obt. 10 11 10	Photocopy/ Scancopy/ Photocopy/ Scancopy Photocopy/ Scancopy/ Photocopy/		
Seat No. PRN No. (Subject(s) Subject Code 35191 351910 351911 35192	for Xerox Copy of An Subject Nam MB 351 MEDICAI MICROBIOLOGY MB 3510 MARINE MICROBIOLOGY MB 3511 DAIRY MICROBIOLOGY MB 352 IMMUNOLOGY -I MB 355 AGRICULTURAL MICROBIOLOGY	1172018 swer Bo e L -I	ok(s) [Theory Subject Marks Obt. 10 11 10	Photocopy/ Scancopy/ Photocopy/ Scancopy Photocopy/ Scancopy/ Photocopy/ Scancopy/ Photocopy/ Scancopy		
Seat No. PRN No. (Subject(s) Subject Code 35191 351910 351911 35192	for Xerox Copy of An Subject Nam MB 351 MEDICAI MICROBIOLOGY MB 3510 MARINE MICROBIOLOGY MB 3511 DAIRY MICROBIOLOGY MB 352 IMMUNOLOGY -1 MB 356 AGRICULTURAL	1172018 swer Bo e L I =	ok(s) [Theory Subject Marks Obt. 10 11 10	Photocopy/ Scancopy Photocopy/ Scancopy Photocopy/ Scancopy Photocopy/ Scancopy Photocopy/ Photocopy/		





B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

# JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

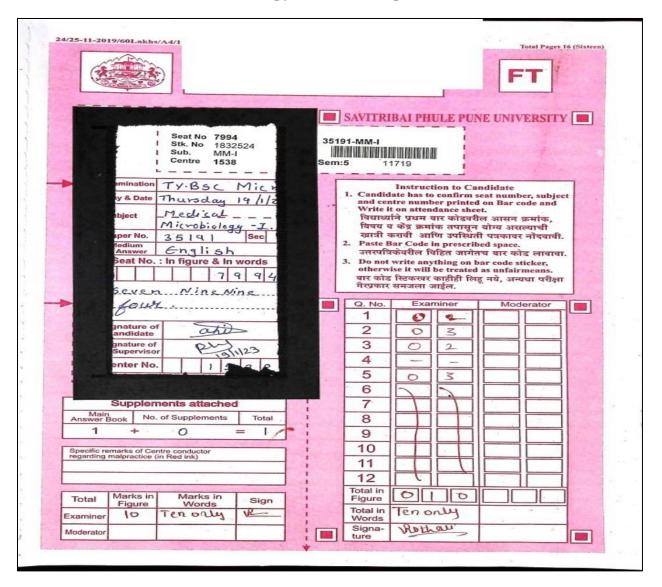
Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

#### **Photocopy of External Paper answer sheet**



PU/PN/ CS/485/ 2018



B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

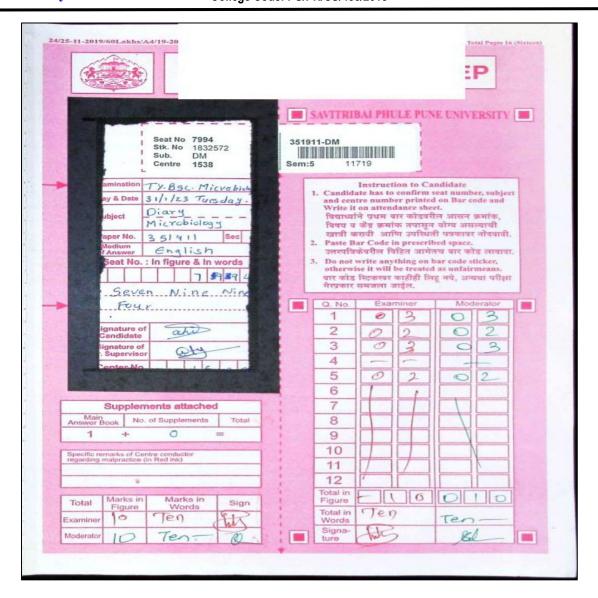
### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal







B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAD SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <u>principal@jspmjscocs.edu.in</u> Website: <u>www.jspmjscocs.edu.in</u>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07

College Code: PU/PN/CS/485/2018

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal

Candidate shall fill all information about seat number, paper etc. In prescribed space and sign on the answer book and attendance sheet. विधार्थ्याने उत्तरपत्रिकेच्या मुख्यपृष्ठाषर तसेच पुरवणी उत्तरपत्रिकेचर आणि उपस्थिती पत्रकावर विहित जागेत आसन क्रमांक अंकात व अक्षरात विनचूक लिहून स्वाक्षरी Candidate shall use blue or black ink only. Otherwise answer book will not be evaluated. उत्तरपत्रिकेवर फक्तः निळ्या अथवा काळ्या शाईचा उपयोग करावा, अन्यथा उत्तरपत्रिकेचे मृत्यमापन केले जाणार नाही. Candidate shall start writing answers from page no. 3 of the answer book. उत्तरपत्रिकेच्या पृष्ठक्रमांक ३ पासून लिहिण्यास प्रारंभ कराया. संबंधित प्रश्नाचे अथवा उपप्रश्नाचे उत्तर जेथून सुरू होते तेथेच समासात प्रश्न क्रमांक, उपप्रश्न क्रमांक अचुक व स्पष्ट लिहाचा, वासाठी वेगळ्या शाईचा उपयोग करु नवे. Candidate shall mention question number, sub question number correctly at the beginning of the same and shall not use ink other than blue or black. प्रत्येक पानाच्या दोन्ही चाजूस लिहाये, उत्तरपत्रिका किंवा पुरवणी उत्तरपत्रिकेचे कोणतेही पान काडू नये, काडल्यास परीक्षा गेरप्रकार समजून पुढील कार्यवाही करण्यात येईल. Candidate shall write on both sides of pages. Shall not tear off any page, it will be treated as unfair means. Warning bell will be given before 10 minutes of the concluding time. Candidate shall pasta Hollocraft Sticker at appropriate space on the answer book and supplements. चेपर संपण्यापूर्वी १० मिनिटे अमोदर इशास घंटा होईल, त्यानंतर विचार्थाने उत्तरपत्रिका व पुखणी उत्तरपत्रिकेवर होलोकापट स्टिकर विहित जागेयरच लावाचा. Examiner and Moderator has to write marks on all given appropriate places only. Examiner should give assessment tick (x/) or (x) in the margin. Moderator Verification 62 200 03 03 3 4 5 02 8 9 10 11 12 Total 10

> PU/PN/ CS/485/ 2018 \* JSPM's \*

PRINCIPAL

JSPM's

Javawantrao Sawant



B.E. (Elec.), PGDM, PhD

**Founder Secretary** 

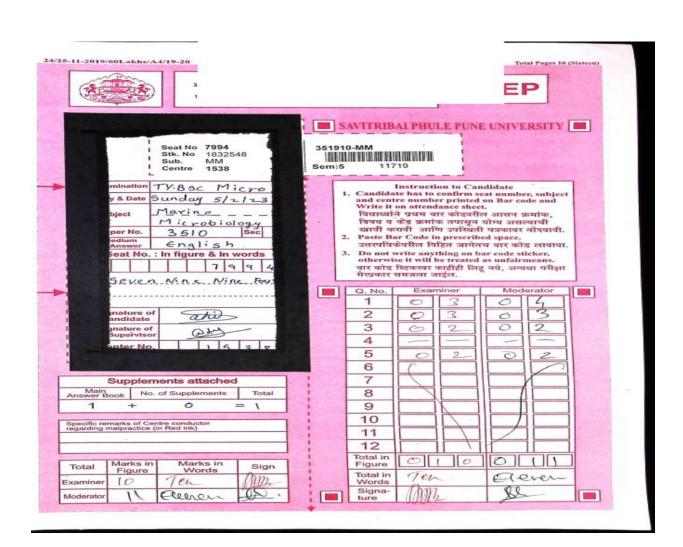
#### JAYAWANT SHIKSHAN PRASARAK MANDAL'S

### JAYAWANTRAO SAWANT COMMERCE AND SCIENCE COLLEGE

Sr. No. 58, Handewadi Road, Satavnagar, Hadapsar, Pune-411028 Phone: 7722045403 / 9175954032

Email Id: <a href="mailto:principal@jspmjscocs.edu.in">principal@jspmjscocs.edu.in</a>
Website: <a href="mailto:www.jspmjscocs.edu.in">www.jspmjscocs.edu.in</a>
Approved by Govt. of Maharashtra & Affiliated to SPPU, Pune-07
College Code: <a href="Pu/PN/CS/485/2018">PU/PN/CS/485/2018</a>

Dr. Vinod R.Kulkarni M.Com. M.A. MBA, M.Phil, PhD Principal



Grievance resolved by University.

