



**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Microbiology**  
**Academic year: 2024-25**  
**Individual Even Semester Time Table**

Name of the Teacher: Dr. D. V. Vedpathak

with effect from -05/12/2024

| Time      | 10.00-11.00<br>AM       | 1.00-2.00<br>PM             | 2.00-3.00<br>PM              | Practical<br>3.00-5.00<br>PM | Practical<br>VSC- 4.00 to<br>5.00 PM |
|-----------|-------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------------|
| Class     | B.Sc. II<br>(Micro Lab) | B.Sc. I<br>(Hall No<br>205) | M.Sc. I<br>( Hall No<br>322) | B.Sc. I<br>(UG Lab)          | B.Sc. I<br>(UG Lab)                  |
| MONDAY    | DVV                     | .....                       | DVV                          | DVV                          | .....                                |
| TUESDAY   | -do-                    | .....                       | -do-                         | DVV                          | .....                                |
| WEDNESDAY | -do-                    | .....                       | -do-                         | .....                        | [VSC]<br>DVV                         |
| THURSDAY  | .....                   | DVV                         | .....                        | .....                        | [VSC]<br>DVV                         |
| FRIDAY    | .....                   | -do-                        | .....                        | .....                        | .....                                |
| SATURDAY  | .....                   | -do-                        | .....                        | .....                        | .....                                |

Workload: UG = 12  
PG =03  
Total = 15

  
Subject Teacher

  
HOD  
Dept. of Microbiology  
Rajarshi Shahu Mahavidyalaya  
Latur - 413 512

  
Principal  
Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)

**Rajarshi Shahu Mahavidyalaya, (Autonomous) Latur**  
**Department of Microbiology**  
**Teaching Plan 2024-25**



Name of the Faculty: Dr. D. V. Vedpathak  
 Subject: Microbiology  
 Class: B.Sc. I (Sem. II) VSC  
 Course Title: Bio pesticide production (VSC)

| Unit | Chapter to be covered                        | No. of Lectures | Date                | Test/ Assignment |
|------|----------------------------------------------|-----------------|---------------------|------------------|
| I    | Introduction : Pesticides and Bio pesticides | 8               | 11/12/24 to 9/1/25  | Class test       |
| II   | Microbes as bio controlling agent.           | 7               | 15/1/25 to 5/2/25   | Assignment       |
| III  | Production of bio pesticides                 | 8               | 6/2/25 to 27/2/25   | Assignment       |
| IV   | Field Study                                  | 7               | 5/3/25 to 27/3/25   | Class test       |
| V    | Practicals                                   | 30              | 11/12/24 to 27/3/25 | Practical exam   |

  
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Name of the Faculty: Dr. D. V. Vedpathak

Subject: Microbiology

Class: M.Sc. I (Sem. II) DSC

Course Title: Ecology and Environmental Microbiology

| Unit | Chapter to be covered                   | No. of Lectures | Date               | Academic activities to be organized | Assessment               |
|------|-----------------------------------------|-----------------|--------------------|-------------------------------------|--------------------------|
| I    | Environment and Ecosystems              | 12              | 9/12/24 to 8/1/25  | Seminars                            | Class test               |
| II   | Waste water and Solid Waste Treatment   | 12              | 13/1/25 to 5/2/25  | Poster presentation                 | Assignment               |
| III  | Bio-deterioration and Biotransformation | 12              | 10/2/25 to 5/3/25  | Model Exhibition                    | Assignment               |
| IV   | Ecology and Agricultural Microbiology   | 09              | 10/3/25 to 26/3/25 | Quiz                                | Class test<br>Assignment |

  
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Name of the Faculty: Dr. D. V. Vedpathak  
 Subject: Microbiology  
 Class: B.Sc. II (Sem. IV)  
 Course Title: Environmental Microbiology

| Unit | Chapter to be covered                                           | No. of Lectures | Date               | Academic activities to be organized | Test/ Assignment   |
|------|-----------------------------------------------------------------|-----------------|--------------------|-------------------------------------|--------------------|
| I    | Microbial Ecology and interactions                              | 12              | 9/12/24 to 8/1/25  | Seminars                            | Class test         |
| II   | Plant growth promoting rhizobacteria                            | 12              | 13/1/25 to 5/2/25  | Poster presentation                 | Assignment         |
| III  | Soil microbiology : Microbial transformation of C,N,S,P in soil | 11              | 10/2/25 to 5/3/25  | Model Exhibition                    | Assignment<br>Test |
| IV   | Bioremediation                                                  | 10              | 10/3/25 to 26/3/25 | Quiz                                | Class test         |

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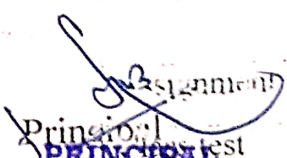


Name of the Faculty: Dr. D. V. Vedpathak  
 Subject: Microbiology  
 Class: B.Sc. I (DSC)  
 Course Title: Microbial Nutrition

| Unit | Chapter to be covered                      | No. of Lectures | Date                | Academic activities to be organized | Test/ Assignment |
|------|--------------------------------------------|-----------------|---------------------|-------------------------------------|------------------|
| I    | Cultivation media and Pure culture methods | 12              | 5/12/24 to 28/12/24 | Seminar                             | Class test       |
| II   | Microbial Nutrition and nutrient transport | 12              | 2/1/25 to 25/1/25   | Poster presentation                 | Assignment       |
| III  | Microbial Transport                        | 11              | 31/1/25 to 27/2/25  | Quiz                                | Assignment       |
| IV   | Microbial Growth                           | 10              | 28/2/25 to 27/3/25  | Quiz                                | Assignment       |

  
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