

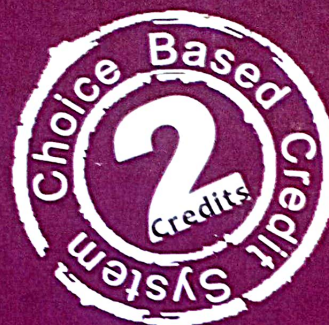
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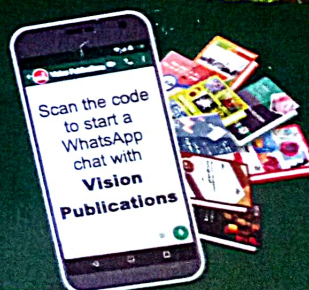
  
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# **Pest Management**

**ZO - 351**

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### Authors

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# Syllabus

Savitribai Phule Pune University

Course Title: Pest Management

Course Code: ZO – 351

Semester - V (2 credits)

1. **Pest** 2 L
  - 1.1 Definition
  - 1.2 Types of pests
  - 1.3 Types of damages caused by the pest
2. **Pest Management using Regulatory Control** 4 L
  - 2.1 Quarantine
  - 2.2 Eradication
  - 2.3 Control districts
  - 2.4 "Crop-free" periods
3. **Pest Management using Cultural Control** 4 L
  - 3.1 Sanitation
  - 3.2 Tillage
  - 3.3 Crop rotation
  - 3.4 Cropping systems
4. **Pest Management using Biological Control** 4 L
  - 4.1 Ecological considerations
  - 4.2 Biological control of insects
  - 4.3 Biological control of plant disease
  - 4.5 Biological control of weeds.
5. **Biotechnology Approaches in Pest Management** 4 L
  - 5.1 Introduction
  - 5.2 Recent advance in use of fungi and viruses
  - 5.3 Methodology in biotechnology
  - 5.4 Somaclonal variability
  - 5.5 Concept of genetic engineering and transgenic plant





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