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CRITERION-III

RESEARCH, INNOVATIONS AND EXTENSION

3.3 RESEARCH PUBLICATIONS AND AWARDS

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings

List of Book/Book Chapters/International conference proceedings with website link

Index

Book Chapter Published In 2020

| Sr. No. | Name of the teacher | Title of the book/chapters published | ISBN Number of the Proceeding | Name of the publisher |
|---------|---------------------|---|-------------------------------|-----------------------------|
| 1. | Mr. Mulla A.A. | 8051 Microcontroller and embedded system | 938982538-5 | Nirali Publications |
| 2. | Dr. Potdar G.G. | Plant anatomy and plant metabolism | 978-93-89944-29-7 | Nirali Publications |
| 3. | Dr. Jamdade R. A. | Recent Advances on Cellular Signaling Paradigm and Salt Stress Responsive Genes in Halophytes | 978-3-030-17854-3 | Springer Nature Switzerland |

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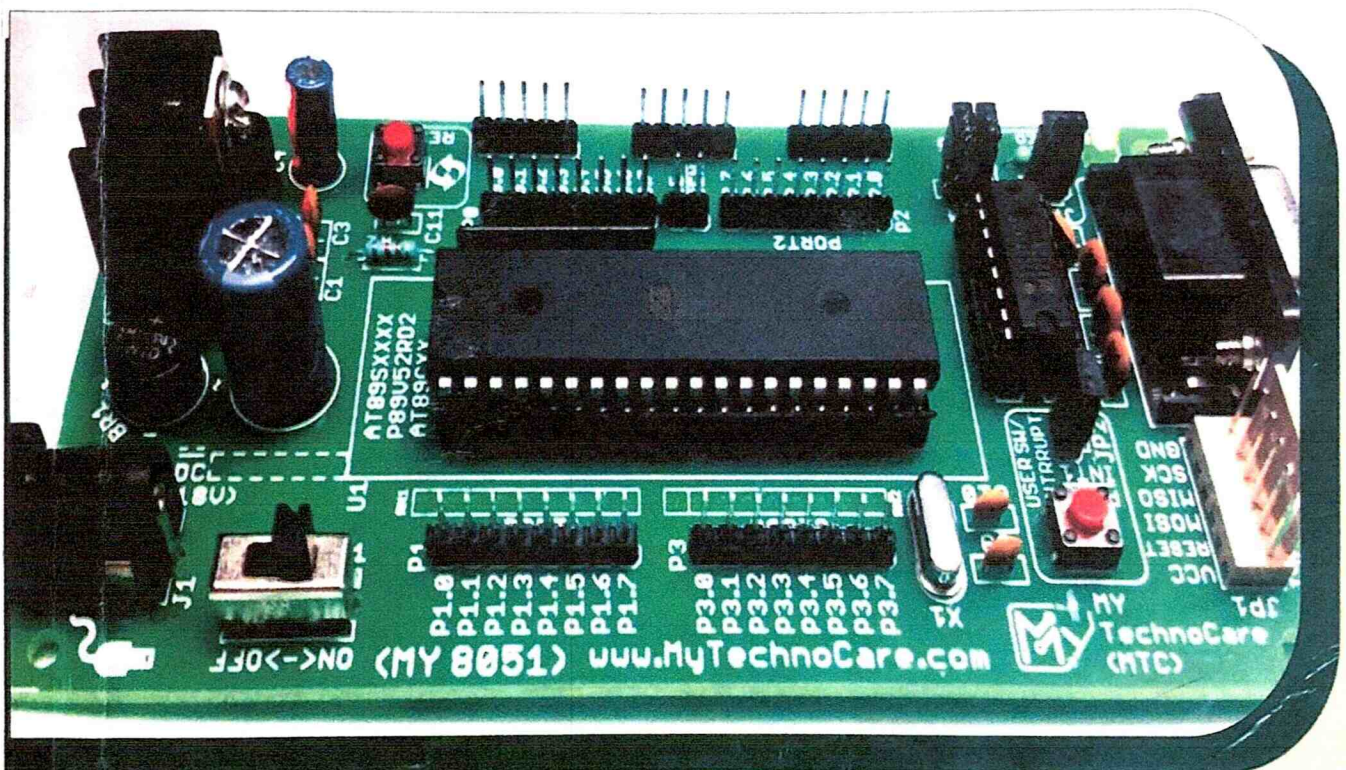


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As per New Syllabus
CBCS Pattern
of **Shivaji University, Kolhapur**
B.Sc. Part-II : Semester-IV

8051 MICROCONTROLLER AND EMBEDDED SYSTEM

(ELECTRONICS : DSC-10D : PAPER-VIII)



A. A. MULLA
Dr. M. D. HANAMANE

R. S. DESHMUKH
Z. A. MULLA



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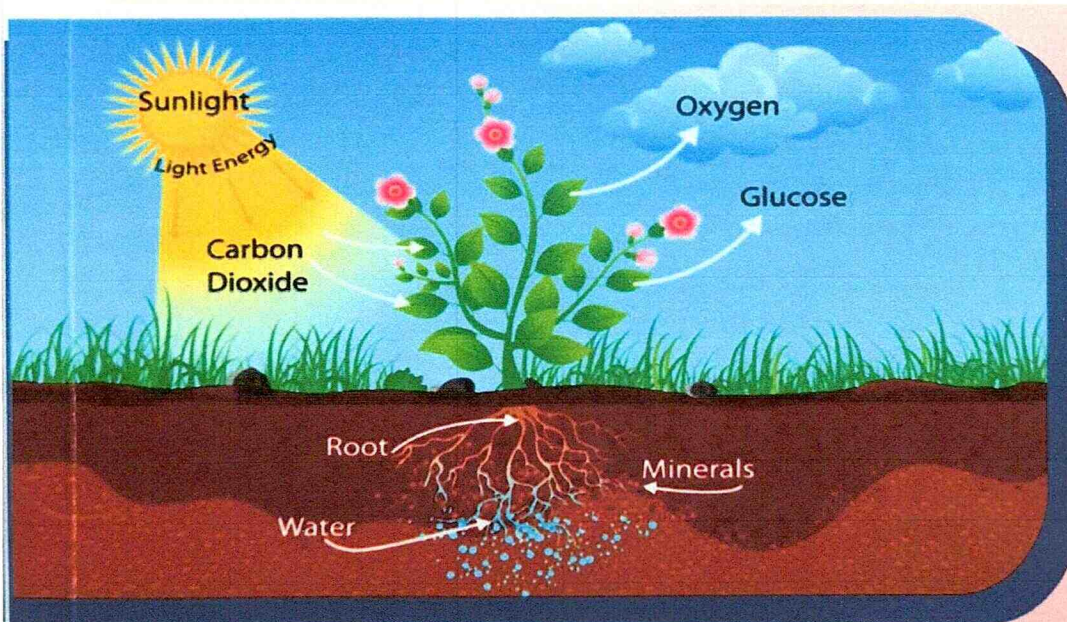
PLANT ANATOMY

(BOTANY : DSC-D13 • PAPER-VII)

AND

PLANT METABOLISM

(BOTANY : DSC-D14 • PAPER-VIII)



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Recent Advances on Cellular Signaling Paradigm and Salt Stress Responsive Genes in Halophytes

Ankush Ashok Saddhe, Rahul A. Jamdade, and Sanjay Gairola

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Abstract

Halophytes are a group of specialized plants that have a remarkable ability to complete their life cycle in the saline environments by using many different survival strategies with a salt concentration higher than 200 mM. Over the past few years, studies on halophytes have been advanced to unveil their salt tolerance mechanism to understand their adaptive nature and survival strategies.

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