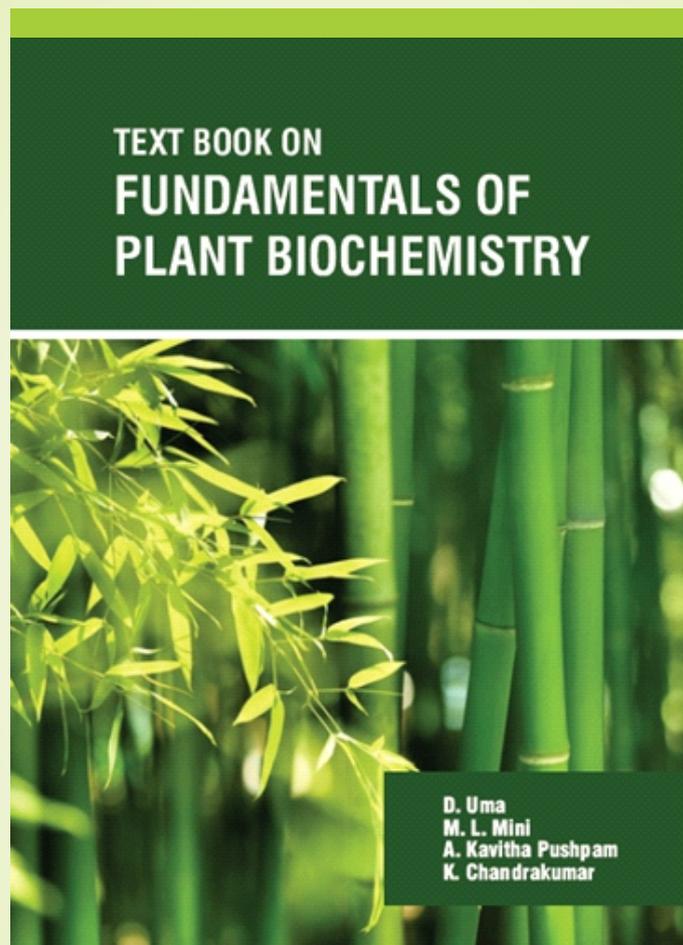


Text Book on
FUNDAMENTALS OF PLANT BIOCHEMISTRY



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M.L. MINI

A. KAVITHA PUSHPAM

K. CHANDRAKUMAR

Department of Biochemistry
CPMB&B, TNAU, Coimbatore

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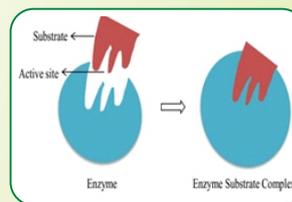
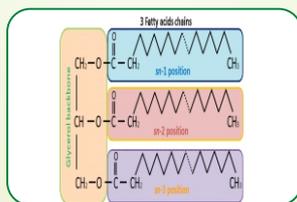
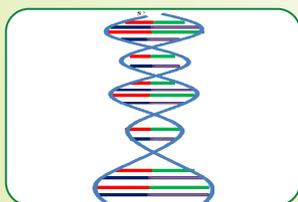
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Text Book on **FUNDAMENTALS OF PLANT BIOCHEMISTRY**

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- Amino acids- structure, classification and properties
- Proteins- classification, properties, structural organization and protein folding
- Enzymes - classification, mechanism of action and enzyme inhibitors
- Vitamins- classification , biological function
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- Photosynthesis
- Respiration and bioenergetics
- Fatty acid biosynthesis and oxidation
- Protein biosynthesis and amino acid catabolic pathways
- DNA replication, Transcription
- Secondary metabolites - Phenols, Alkaloids, Terpenoids
- Metabolic Interrelationship
- Glossary of important terminologies
- Review questions



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