



GOVERNMENT OF TAMIL NADU

HIGHER SECONDARY FIRST YEAR

# BIOLOGY

## BOTANY

A publication under Free Textbook Programme of Government of Tamil Nadu

Department of School Education

Untouchability is Inhuman and a Crime

## Government of Tamil Nadu

First Edition - 2018

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(Published under New Syllabus)

NOT FOR SALE

## Content Creation



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Research and Training

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**E-book**



**Assessment**



**DIGI links**



Lets use the QR code in the text books ! How ?

- Download the QR code scanner from the Google PlayStore/ Apple App Store into your smartphone
- Open the QR code scanner application
- Once the scanner button in the application is clicked, camera opens and then bring it closer to the QR code in the text book.
- Once the camera detects the QR code, a url appears in the screen.Click the url and goto the content page.

## HOW TO USE THE BOOK



### Learning Objectives:

Learning objectives are brief statements that describe what students will be expected to learn by the end of school year, course, unit, lesson or class period.

### Chapter Outline

Illustrate the complete overview of chapter



### List of Botanical terms

Amazing facts, Rhetorical questions to lead students to biological inquiry

Tamil terminology for Botanical terms given for easy understanding

### Activity

Directions are provided to students to conduct activities in order to explore, enrich the concept.

### Infographics

Visual representation of the lesson to enrich learning .

### Evaluation

Assess students to pause, think and check their understanding



To motivate the students to further explore the content digitally and take them in to virtual world



### ICT

To enhance digital Science skills among students

### Concept Map

Conceptual diagram that depicts relationships between concepts to enable students to learn the content schematically

### Career corner

List of professions related to the subject

### References

List of related books for further details of the topic

### Web links

List of digital resources

### Glossary

Explanation of scientific terms

### Competitive Exam questions

Model questions to face various competitive exams