



# **SNS COLLEGE OF TECHNOLOGY**

Vazhiampalayam, Coimbatore-35

**(An Autonomous institution)**

Accredited by **NBA-AICTE** and Re-Accredited by **NAAC-UGC with A+ Grade**

Approved by **AICTE**, New Delhi & Affiliated to **Anna University**, Chennai



## **DEPARTMENT OF PHYSICS**

**COURSE NAME : 23CHT103 ENVIRONMENTAL SCIENCE  
AND SUSTAINABILITY**

**I YEAR / I SEMESTER**

**UNIT : 1. ECO SYSTEM**

**TOPIC : 1. INTRODUCTION TO ECO SYSTEM**

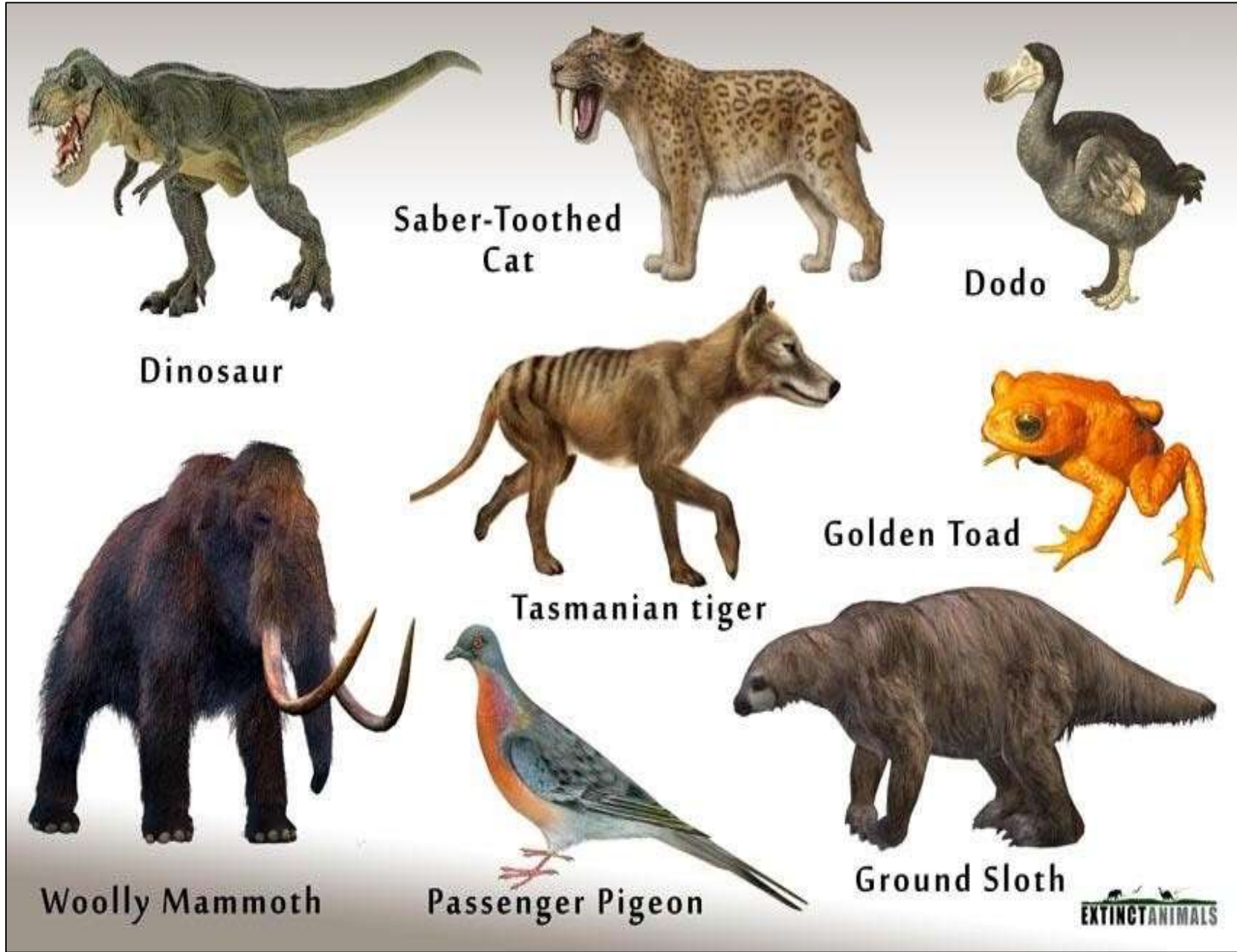
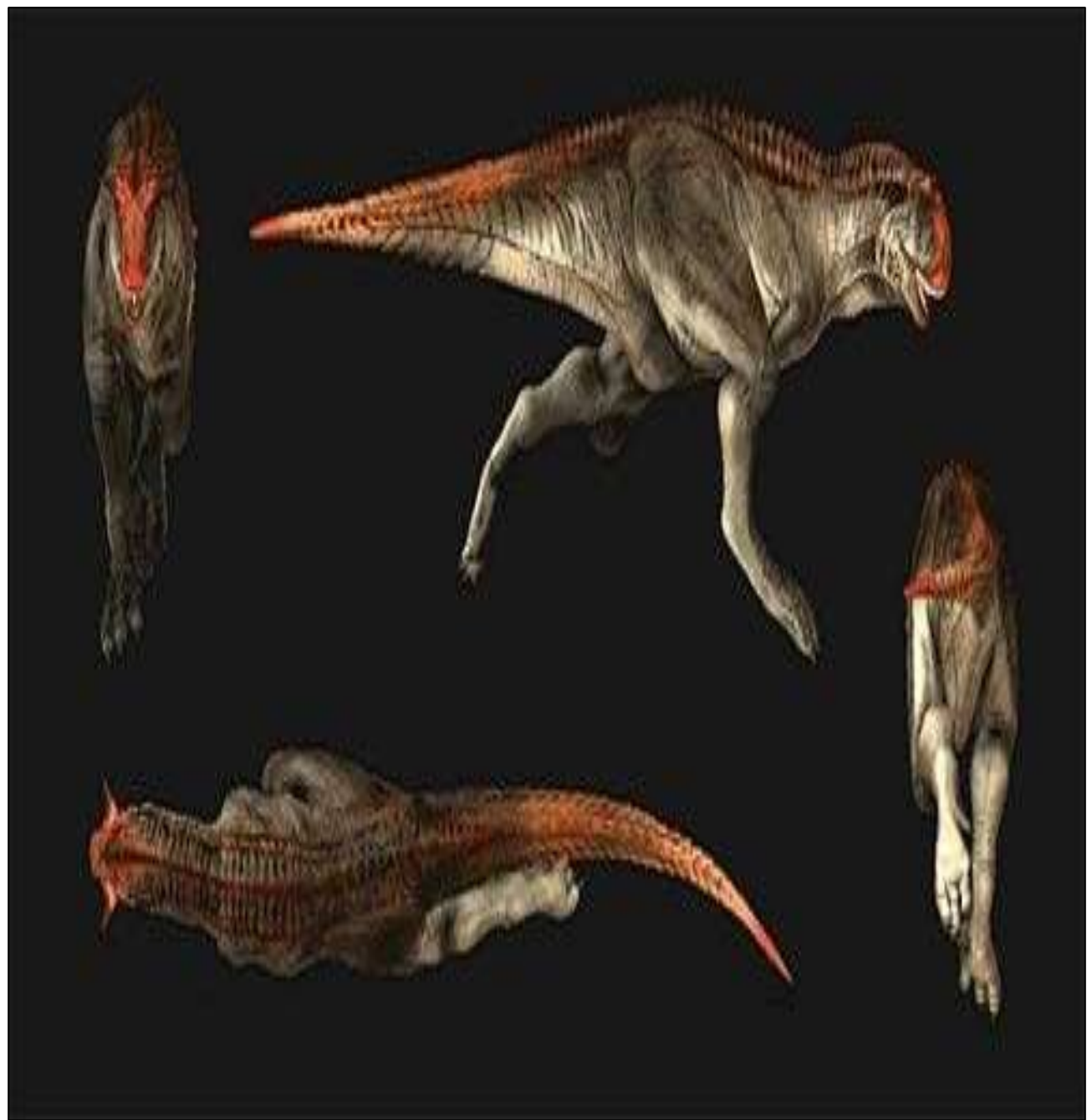


# BRAINSTORMING WITH RECAP



# 1. EXTINCT SPECIES

Species is said to be extinct when it is no longer to be found in the world.





## 2. ENDANGERED SPECIES

- Species is said to be Endangered when its number has been reduced to a critical level. Unless it is protected & conserve, it is in immediate danger of extinction
- In India, 70 plants, 100 mammals, 150 birds, 50 reptiles, 70 insects etc are endangered now





### 3.VULNERABLE SPECIES

- Species is said to be vulnerable when its population is facing continuous decline due to habitat destruction or over exploitation. These species still abundant





# 4. RARE SPECIES

- Species is said to be rare when it is localized within restricted area or they are thinly scattered over more extensive area. These species are not endangered or vulnerable





# 5. ENDEMIC SPECIES

- Species which are found only in a particular region are known



**Endemic Flora**

 Sal Tree	 Wild Mango
<b>Endemic Fauna</b>	
 Flying squirrel	 Indian Squirrel

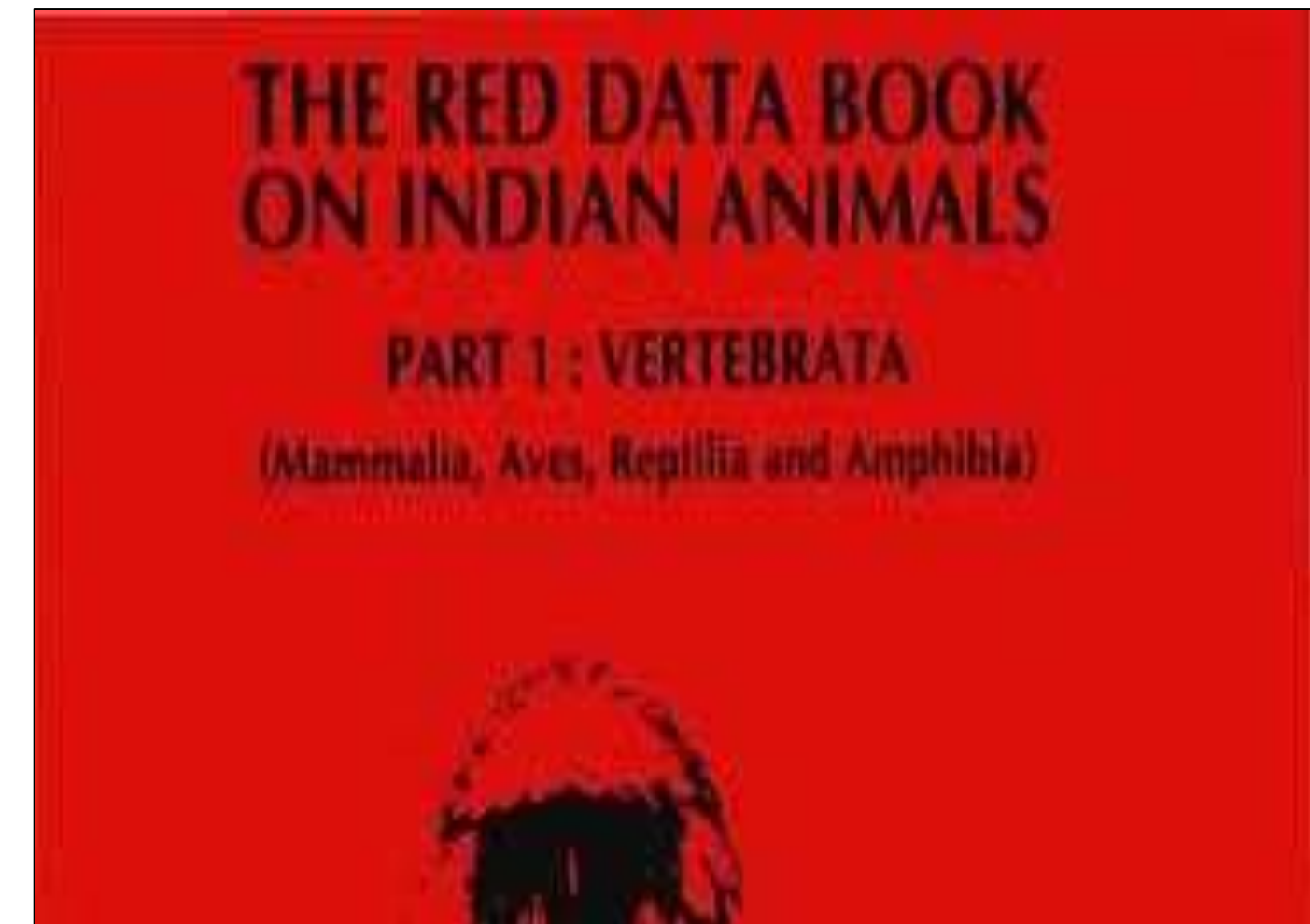
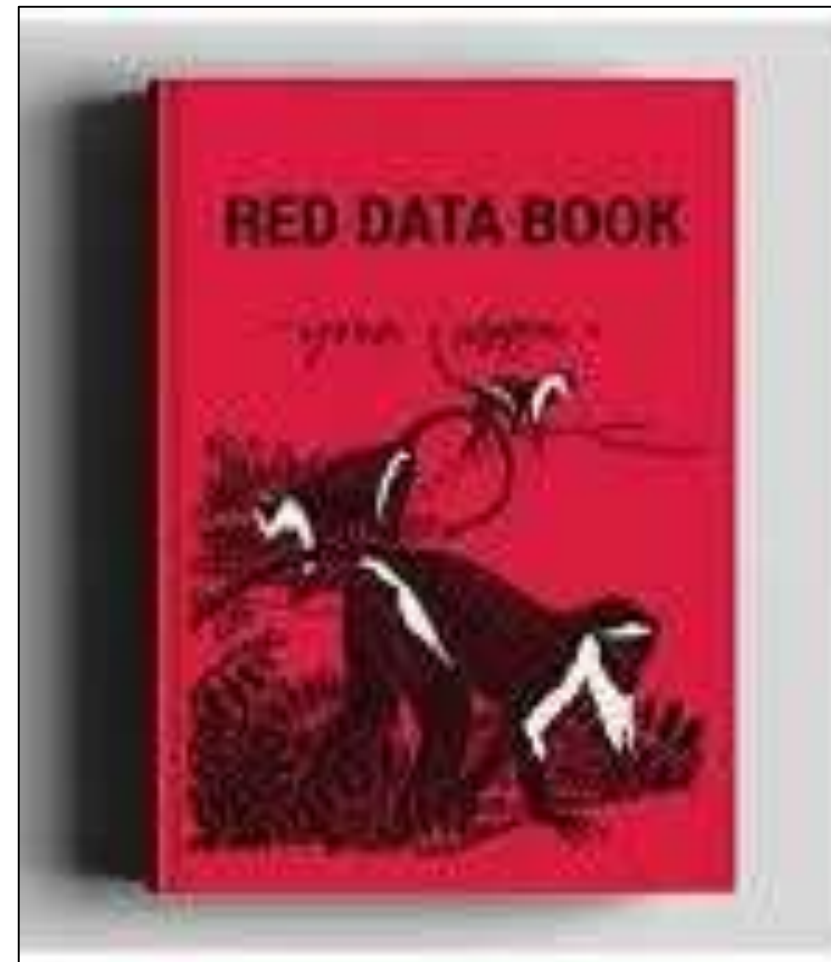
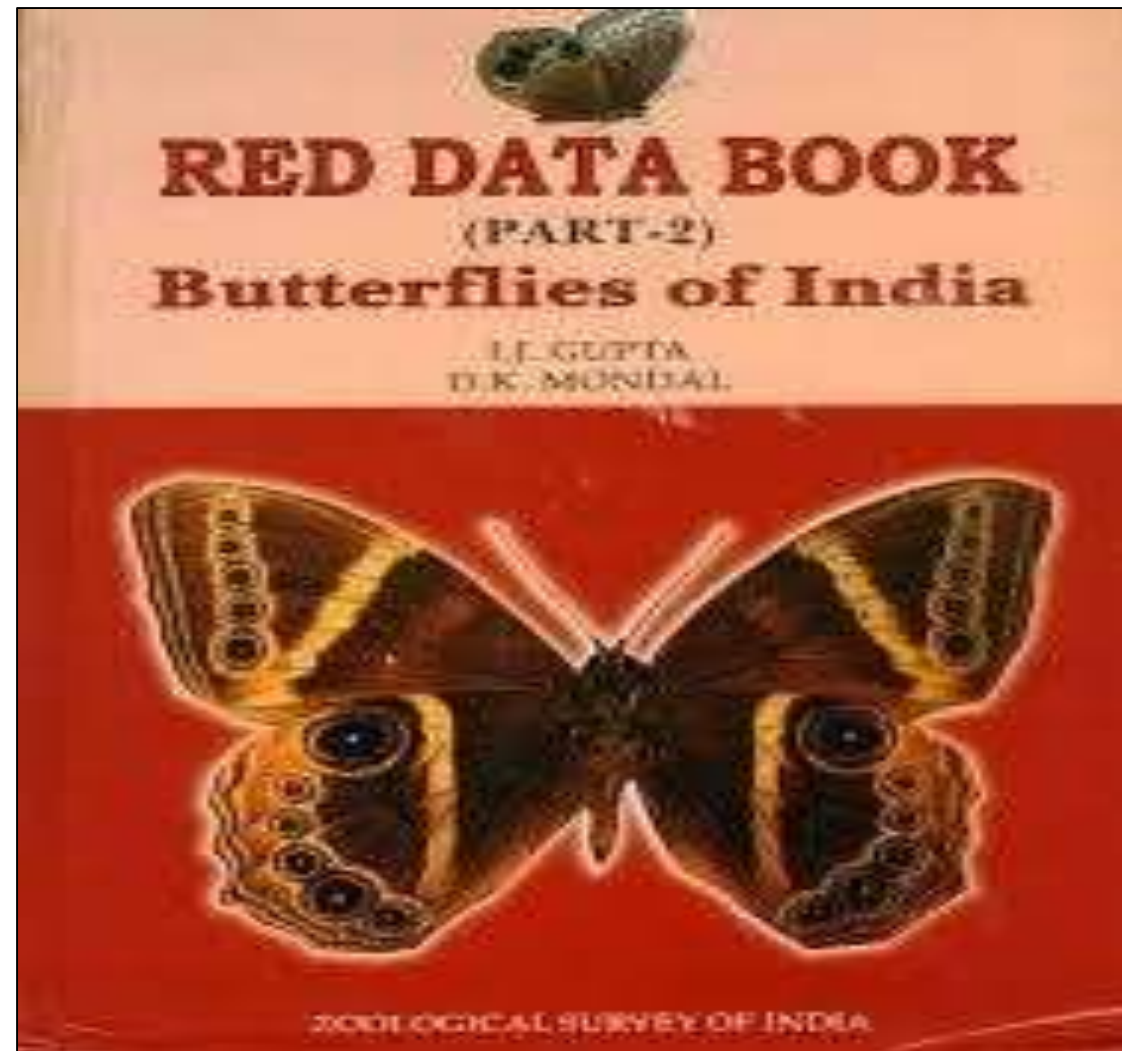




# RED DATA BOOK



- Red Data book contains the list of endangered species of plants & animals.
- It gives the warning signal for those species which are endangered and if not protected they become extinct in near future.







# Activity



# FACTORS



- Pollution
- Over exploitation
- Climate change



- **Remedial**
- Ban international trade
- Avoid burning
- Grow more valuable plants
- Promote ecosystem
- Maintain water cycle
- Maintain ecosystem





# ASSESSMENT



- 1. List out the various endangered & endemic species in India**



# SUMMARY



# REFERENCES



1. Dr. A.Ravikrishnan, Environmental science & Engineering” Srikrishna hitech Pub. Co. Ltd,2013.
2. G.Tayer Miller :Environmental Science”, Cenage Learning India Pvt Ltd, 2011.
3. Benny joseph, “Environmental science & engineering” Tata Mc Graw-Hill. Pub. Co. Ltd. New Delhi.2009.

