



S.K.N.R GOVT. ARTS & SCIENCE COLLEGE, JAGTIAL
Department of Botany

STUDENT STUDY PROJECT 2020-21

By

- 1. MD. Sahana**
- 2. D. Manasa**
- 3. S. Soumya**
- 4. G. Dheeraj**
- 5. K. Shanthi vardhan**
- 6. N. Shiva**

Supervisor: Sri. Routhu Radha Krishna
HoD Dept. of Botany

Url Link: <https://youtu.be/HyY71eLOFko>

A STUDY ON COMMERCIAL TIMBER YEILDING PLANTS

INTRODUCTION:

- * Wood is a hard & fibrous substance which forms a major part of the trunk and branches of the tree
- * It is a natural renewable resource. Wood is in it's natural form of timber
- * The wood has many advantages due to which it is preferred over many other building Materials
- * It is easily available and it has more thermal insulation, sound Absorption & electrical resistance
- * It can also withstand from earthquakes

OBJECTIVES:

- * To know about the structure of wood and types of wood
- * To identify the correct plant wood from the other species
- * To study about the durability, colour, odour & water resistance capacity
- * To study of wood eligible for furniture making and used as fire wood for domestic purpose
- * To know about the commercial value of various trees wood

METHODOLOGY:

- * We visited saw mills of Thippanapet, Jagtial are very nearly located to SKNR G.D.C, Jagtial College
- * we have visited many saw mills and analyse the commercial and non-commercial wood sold out in saw mills
- *In this project, we had collected data through interview method, survey method and Questionnaire method sample wood from the saw mills are collected and stored them as tiny museum in botany department
- * In this connection, we have found approximately 10 types of various woods, Sold in saw mills

FINDINGS & ANALYSIS

In our project, we had found that totally majorly 10 kinds of woods are selling in the saw mills and they are belongs to 7 families. These were collected from local surrounding habitats and a few of them collected from other districts of Telangana. Some of them are also from other states of India

To cut the wood properly. They had used various machinery such as power driven machines for Sawing logs into rough squared sections or into planks and boards. Saw mills were equipped with Planing, moulding, tenoning and other machines for finishing process.

Majorly we found that commercial woods sold out there are TEAK, RAKTHACHANDAN, INDIAN ROSEWOOD, VEPA, THUMMA, RAAVI, MAMIDI, DHURISENA, MADDI & VIPPA timber logs, they are reported the data. They identified the wood logs based on the bark appearance, texture, annual rings, colour of sap wood & heart wood, odour. A few of them are used very much in domestic purpose, Furniture making & a few were used as fire wood purpose. We had found that the prices are very different for different woods we had presented the cost values of the timbers of various trees.

CONCLUSION:

Among in these commercial timbers most of the people prefer to purchase TEAK for domestic Purpose and for furniture purpose from the saw mills because of it's durability and water resistance.