

A.G & S.G Siddhartha Degree College of Arts & Science
(Autonomous), Vuyyuru-521165

2023-2024

Name of the event: Guest Lecture

Topic: varieties of Rice cultivation

Date Conducted: 23/12/2023

Name and designation of the resource person: S. Krishna Suman, Natural farmer, Yakamuru.

Report on the guest lecture:

1. Objectives: seasonal rice varieties cultivation methods.

2. Notes on lecture: “Basmati”

“Basmati” is long grain aromatic rice grown for many centuries in a specific geographical area, in the Himalayan foothills of the Indian sub-continent, blessed with characteristics of extra-long slender grains that elongate at least twice their original size with a characteristics soft and fluffy texture upon cooking, delicious taste, superior aroma and distinct flavor, Basmati rice is unique among other aromatic long-grain rice varieties.

Black rice

Black rice, also known as purple rice or forbidden rice, is a range of rice types of the species *Oryza sativa*, some of which are glutinous rice. There are several varieties of black rice available today.

Mapillai Samba Rice:

Mapillai Samba Rice Also known as “Bride Groom Rice” is a traditional rice variety of Tamilnadu and was on the menu of ancient kings. This is red in colour. It has an interesting history, during ancient days, a bridegroom was required to show his prowess by lifting a heavy rock .

It is used for Weight Loss Wonder, Diabetes - friendly, Digestive Health Champion, Heart Health Hero, and Immunity Booster: In times when boosting immunity is more important than ever, Mappillai Samba Rice stands out. Rich in essential vitamins and minerals, it strengthens your body’s defenses, helping you ward off illnesses and stay strong and healthy.

Navara

Grown mainly in Palakkad, the rice belt of Kerala, Navara is Kerala's indigenous medicinal cereal plant. Herbal healers have endorsed its rich medicinal properties. The paddy is used for Ayurvedic treatments since time immemorial.

Traditionally 'Navarakhi' and 'Navaratheppu' are two major treatments in Ayurveda for arthritis, paralysis and neurological disorders. Navara Kizhi is also used in Ayurveda for treatment of polio, psoriasis, rheumatism, diabetes, snake bite, peptic ulcer, emaciation of limbs, lifestyle maladies while the porridge of Navara grains in milk is prescribed as special food for invalids and infants. It has also anti-cancer properties.

3. Outcome: Enrich students’ knowledge and create interest in natural farming.



Sri .S.krishna Suman garu delivered guest lecture



Students are participated in this program

A.G & S.G Siddhartha Degree College of Arts & Science, Vuyyuru

Name of the event: Field trip

Place of Visit: A field trip to Sudheer Timber depot, Yakamuru, Krishna dt.

Date: 16 /03/2024

Objective:

To develop practical knowledge on various types of wood And observed to adapting in environment in plants are select and those varieties are supply consumer.

- **Report:** A field trip has been arranged for III BZC Students to **Sudheer Timber depot** here by 10Am and observed various types wood. Sudheer timber depot established in vuyyuru in 1990 has made tremendous strides during the last 25 years. On this way we choose for visit. Sudheer Timber depot making different kinds of furniture Such as doors, marbuls and different types of articles. For this making they choose and use two types wood. One has Hardwood and another is Softwood. Hardwoods like rosewood, mahogany, mango, and acacia are the most preferred. These hardwoods are long-lasting and their texture allows artisans to build furniture with magnificent carvings.

Rosewood

Rose wood is a timeless choice for hand-carved furniture. It is brownish-red and carries a premium quality. They have slow growth and usually grow to a height of 60 ft.

Mahogany Wood

Mahogany trees grow and flourish in warm climates. They grow up to the height of 150ft. Mahogany wood has a reddish-brown tint that beautifully darkens with time and has a straight fine even grain pattern. Mahogany wood furniture very durable.

Acacia Wood

This type of wood is a versatile material and is often chosen to build coffee tables, benches, dining tables, nightstands, dressers, desks, and outdoor furniture. Acacia wood is abundantly found in Australia.

Teak Wood

Teak wood furniture carries an unmistakable brown hue and works splendidly as outdoor or patio furniture as well. They are native to tropical regions of Asia and America. Dining tables and coffee tables made from teak wood carry a rustic, aristocratic look.

They explained to making designs on wood doors and how to use waste materials.

At the end our team reached vuyyuru by 5pm.

Outcome:

The field trip gave a live onsite learning experience on making various types of articles & furniture.

Conclusion:

All the observations are recorded by students. students are proudly & feel happy.



Clipping the photo with Mr. Sudheer (depot director)



Our team guide by Sudheer timber dipot manager

A.G & S.G Siddhartha Degree College of Arts & Science, Vuyyuru

Name of the event: Field visit

Place of Visit: A field trip to RGCA, Manikonda.

Date: 23.02.2024

Objective: To develop practical knowledge on Pathological & Disease control management techniques adapted by

Report: A field trip has been arranged for III BZC Students along with the Dept of Zoology to RGCA Manikonda. The scientists of the center explain various aspects 'research. The Cultivar cultivates different varieties of prawn cultures. Students Reached the Station at 10A.M and observed to know various aspects of research on Prawn & Fish Cultivation. The senior scientists of the research station have explained the recent research activities and management of pests & Diseases. Students are Return back at 5Pm later on students visited Tilapia fish on research center at Manikonda at that place students observed various types of phytoplankton.

- It is the practice of rearing prawns as 'secondary crop' in paddy fields. Prawns are cultured in these fields after the harvest of paddy. Both freshwater and marine prawns are cultured by this method based on their required salinity conditions
- **Outcome:**
The field trip gave a live onsite learning experience on various concepts of Diseases.
- **Conclusion :**
All the observations are recorded- by students.



Lecture delivered by Mr.Thomas



Mr.Appla Naidu Explain about tilapia fishes



Our Team Picture with RGCA Members