

**DEPARTMENTAL
ACTIVITIES
2025-26**

S.No.	Name of the Activity	Date
1.	Organic Pesticide Preparation – Neemastra	10.07.25
2.	GUEST LECTURE - From Farm to Table: Maximizing Fruit & Veggie Potential	17.07.2025
3.	Vist to YSR Horticultural Research Station, Ambajipeta - II year Students.	01.08.25
4.	Visit to YSR Horticultural Research Station, Rampachodavaram - III year Students.	07.08.25
5.	VISIT TO ICAR–Directorate of Floricultural Research (DFR), Regional Station, Kadiyam - I year Students	05.12.25
6.	Flori Expo - 2025- On the occasion of National Farmer’s Day	17.12.25&18.12.25
7.	Guest Lecture - Landscaping Entrepreneurship: Opportunities for Sustainable Green Businesses	20.12.25
8.	One-Day Training Programme on Millets Product Making at RNF- Guntur	31.12.25
9.	One Day Training Program on Sustainable Agricultural Practices at Monfort Environmental Hub- Nuzvidu.	28/02/2026

Report on Organic Pesticide Preparation

Topic: **Organic Pesticide Preparation** - Neemastra

Date: 10.07.2025

Venue: Department of Agriculture and Rural Development, Back Field

Organized by: Department of Agriculture and Rural Development

Organic pesticides are important to our society for several key reasons related to health, environment, agriculture, and sustainability.

They offer several important benefits to both people and the environment. Made from natural sources like plants, minerals, or beneficial microbes, help protect pollinators like bees, preserve soil and water quality, and support sustainable farming practices.

Keeping all these as thought The Agriculture and Rural Development Department Agronomy Faculty D.Gouthami gave a Demonstration on Neemastra to 2nd and 3rd year Agriculture students in the field, in detail about neemastra that It is highly effective in controlling harmful pests like aphids, whiteflies, and caterpillars, while being safe for beneficial insects. Neemastra also improves soil health, boosts plant immunity, and supports natural farming practices without harming the environment.. Students totally involved in this activity prepared this product with naturally available products like cowdung, cow urine, neem leaves, water and fermented it for 15 days by stirring it twice a day. Along with this they made a brochure and handmade bottle decoration and sold the product with a reasonable price in our organic store near the gate area.

Thus from our department we cordially conclude Organic pesticides protect our health, preserve nature, and promote a sustainable future—naturally."



Field Demonstration



STEP : 1



STEP-2



STEP -3



STEP-4

MARIS STELLA COLLEGE

(Autonomous), Vijayawada

Earn while you learn (EWL)

The Department of Agriculture and Rural Development
is selling

ORGANIC PRODUCTS

NEEMASTRA ₹20/-

For kitchen and Terrace gardening



**Head, Dept. of Agriculture &
Rural Development**

Dr.P.Lakshmana swamy

Program coordinator

D.Gouthami

Organizing members

A.Tejasree
K.Jasmi priya
K.Raviteja
D.Lakshmi Lavanya

REPORT ON GUEST LECTURE

Topic: **From Farm to Table: Maximizing Fruit & Veggie Potential**

Resource Person: Dr. Tadapaneni Venkata Ramana Rao, Retired Professor, Department of Biosciences, Sardar Patel University

Date: 17.07.2025

Venue: Department of Agriculture and Rural Development, Seminar Hall

Organized by: Department of Agriculture and Rural Development

A guest lecture on the theme “**From Farm to Table: Maximizing Fruit & Veggie Potential**” was organized by the Department of Agriculture and Rural Development. The session was delivered by **Dr. Tadapaneni Venkata Ramana Rao**, Retired Professor, Department of Biosciences, Sardar Patel University.

A total of **100 students and 10 teaching staff** members attended the session. The resource person highlighted the significance of reducing food waste and emphasized the importance of promoting the use of locally grown, seasonal fruits and vegetables. He also discussed how these practices contribute to sustainability, food security, and better nutrition.

The session was highly interactive and informative, helping students understand the complete journey of food “from farm to table.” Participants gained valuable insights into sustainable food practices and the role of consumers and producers in minimizing food loss and maximizing the nutritional value of fruits and vegetables.



Dr. Tadapaneni Venkata Ramana Rao, Guest lecture on From Farm to Table: Maximizing Fruit & Veggie Potential



100 students (Agriculture and Life science) and 10 teaching staff members attended the session

**INSTITUTION CELEBRATES/ORGANIZES NATIONAL AND INTERNATIONAL COMMEMORATIVE DAYS,
EVENTS AND FESTIVALS**

Annual Report on

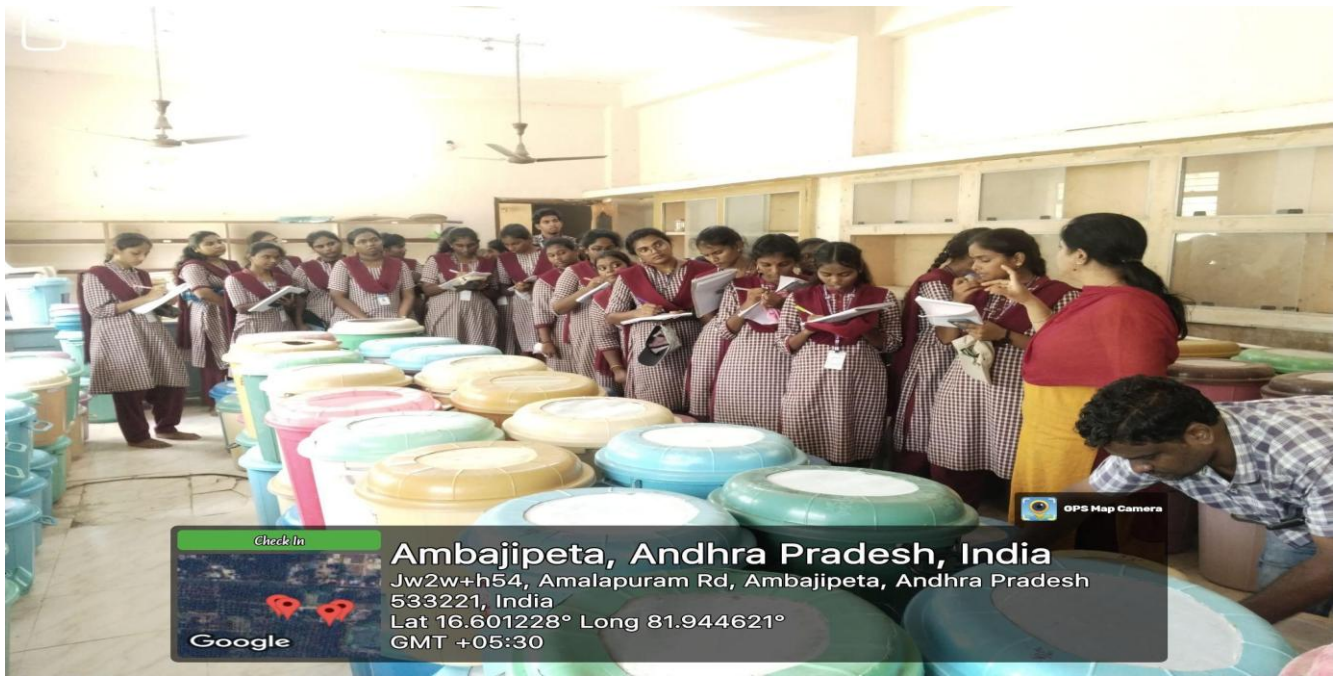
Visit to DR. Y.S.R Horticulture Research Station, Ambajipeta, East Godavari ,Dist., 2025.

DR.Y.S.R Horticulture Research Station Ambajipeta, East Godavari Dist. was visited by II Year students on 01.August.2025 as a part of an Educational tour being exposed to the different varieties of Coconut crop and Production of bioagents. The main objective was to impart additional knowledge to the students through this visit.

Approximately 23 students from 2nd year along with Maris Stella A&RD Faculty , D. Gouthami, K. Raviteja, D.Lakshmi Lavanya. In this research trip, students got exposed to the different practices for coconut varietal development and rearing of Bio agents to control insect pests. Dr. N.B.V Chalapathi Rao, Principal Scientist (Horticulture) demonstrated the varietal descriptions and their development. Dr. V. Anoosha ,Scientist (Entomology) demonstrated the methods of collecting the larvae, rearing and development of Bio agents. Students learned transplanting of coconuts, development of Bioagents and their benefits.



***Visit to DR.Y.S.R Horticulture Research Station, Ambajipeta, E.G. Dist. on
01/08/2025***



Students visiting the Mass production unit at DR.Y.S.R Horticulture Research Station, Ambajipeta on 01/08/2025

Visit to DR. Y.S.R Horticulture Research Station, Rampachodavaram, East Godavari ,Dist., 2025.

DR.Y.S.R Horticulture Research Station Rampachodavaram, East Godavari Dist. was visited by III Year students on 07.August.2025 as a part of an Educational tour being exposed to the different varieties of Palmyra and its biproducts . The main objective was to impart additional knowledge to the students through this visit.

Approximately 30 students from 3rd year along with Maris Stella A&RD Faculty Dr. Lakshmana Swamy, A.Tejasree , K. Jasmi Priya& K. Raviteja. In this research trip, students got exposed to the different practices for Palmyra varietal development and making of various products from Palmyra . Dr. J. Phani Kumar, Principal Scientist (Horticulture) demonstrated the varietal descriptions and the various biproducts prepared from the palmyra. Students learned propagation and raising of palmyra and preparation of value added products.



Visit to DR.Y.S.R Horticulture Research Station, Rampachodavaram, E.G. Dist. on 07/08/2025



Students visiting the value added products of Palmyra at DR.Y.S.R Horticulture Research Station, Rampachodavaram on 07/08/2025

Visit to ICAR–Directorate of Floricultural Research (DFR), Regional Station, Kadiyam, Andhra Pradesh.

A visit was conducted to the **ICAR–Directorate of Floricultural Research (DFR), Regional Station, Kadiyam**, Andhra Pradesh, to gain exposure to floriculture research and nursery practices, for the First year students of A&RD on 5-12-2025. The station functions under ICAR and supports the floriculture sector through research, training, and extension activities.

Approximately 18 students from 1st year along with Maris Stella A&RD Faculty, Dr. P. Lakshmana Swamy, D. Lakshmi Lavanya, K. Raviteja and A. Tejasree visited the research station. Various ornamental crops and propagation techniques such as cuttings, layering, grafting, and tissue culture were explained by principal scientist Dr. V.S. Raju Dantuluri. Information on nursery management, protected cultivation, and pest management was also provided. A brief introduction on nematodes and their management was discussed by Dr. Sirisha Tadigiri. The visit was informative and enhanced understanding of the role of research institutions in floriculture development.



Visit to ICAR–Directorate of Floricultural Research (DFR), Regional Station, Kadiyam, on 05/12/2025.



Students learning about different ornamental crops, their propagation and management .

INSTITUTION CELEBRATES/ORGANIZES NATIONAL AND INTERNATIONAL COMMEMORATIVE DAYS, EVENTS AND FESTIVALS

Flori EXPO, 2025

On the occasion of National Farmer's Day on 23/12/2025, FLORI EXPO, 2025 was organized by the department of Agriculture and Rural Development in Mother Proincias Block of Maris Stella College (Autonomous) inaugurated by Dr. Sr.Innayasamma Gade, Principal, Dr. Sr. Leena Quadras, Correspondent dated 17/12/2024 inviting students from different schools and colleges and showcased the various models and projects by the students. The main objective is to encourage and enhance the knowledge of Floricultural advancements and providing them the platform to showcase their innovative demonstrations.



Dignitaries of Maris Stella College inaugurating flori Expo on 17/12/2025



Students' presenting their model in Flori Expo, 2025 on 17/12/2025.



Price distribution for school students in Flori Expo, 2025 on 17/12/2025.

REPORT ON GUEST LECTURE

Topic: **Landscaping Entrepreneurship: Opportunities for Sustainable Green Businesses**

Resource Person: Dr. Sasi Lakshmi, Landscaping and Beautification Designer

Date: 20.12.2025

Venue: Department of Agriculture and Rural Development, Seminar Hall

Organized by: Department of Agriculture and Rural Development

A guest lecture on the theme “**Landscaping Entrepreneurship: Opportunities for Sustainable Green Businesses**” was organized by the Department of Agriculture and Rural Development. The session was delivered by **Dr. Sasi Lakshmi, Landscaping and Beautification Designer**.

A total of **80 students and 6 teaching staff** members attended the session. The resource person highlighted the significance of landscaping using **locally grown and seasonal plants, fruits, and vegetables**, emphasizing how such practices reduce environmental impact, support local economies, and promote healthier food systems. The concept of “**farm to table**” was explained to help participants understand the complete journey of food, from production to consumption.

The session also focused on **entrepreneurial opportunities** in areas such as nursery management, edible landscaping, urban and kitchen gardening, landscape design and maintenance services, and consultancy for sustainable green spaces. The session also highlighted how sustainable landscaping can minimize food loss, enhance nutritional value, and create income-generating opportunities while protecting the environment. Overall, the summit was informative and engaging, successfully highlighting landscaping entrepreneurship as a **sustainable green business model** that contributes to economic development, environmental conservation, and community well-being.

The programme was **highly interactive**, allowing students to actively engage in discussions and clarify their queries. Overall, the summit successfully sensitized participants to the scope of landscaping entrepreneurship as a **green business model** that supports economic development, environmental sustainability, and community well-being.



Dr. Sasi Lakshmi, Guest lecture on Landscaping Entrepreneurship: Opportunities for Sustainable Green Businesses



80 students and student's interaction with guest lecturer Dr Sasi Lakshmi.

Report on One-Day Training Programme for final year students on Millets Product Making at RNF- Guntur

Title of the Programme -One-Day Training Programme on **Millets Product Making**

Organizing Institute – Rythu Nestam Foundation, Guntur

A One-Day Training Programme on **Millets Product Making** was organized at **RNF** for the benefit of final year students with the aim of providing practical exposure and skill-based training in millet processing and value-added product preparation. The programme was conducted in view of the growing importance of millets in ensuring nutritional security, sustainable agriculture, and livelihood generation. Nearly 16 fourth year students of the department of Agriculture & Rural development have attended the one day training programme on Millet product preparations at Rythu Nestam Foundation- Guntur, accompanied by the teaching faculty K. Ravi Teja on 31-01-2026. The resource person Mr. Samba Siva Rao has provided practical insight on the importance of millets and the machinery used to make value added products of millets. The students have gained knowledge on value addition and importance of millets in diet and sustainable agriculture as well as entrepreneurial ideas and skills. Students have also gained practical insight on 5 layer multicropping system.



Students learning about ragi biscuit making.



Rythu Nestam Foundation- Millet value addition and importance.

Report on One Day Training Program on Sustainable Agricultural Practices at Monfort Environmental Hub- Nuzvidu.

Title of the Programme - One Day Training Program on Sustainable Agricultural Practices

Organizing Institute – Monfort Environmental Hub- Nuzvidu.

A one-day training program on **Sustainable Agricultural Practices** was organized for 3rd and 4th year students of Agriculture & Rural development at the **Montfort Environmental Hub**, located in **Nuzvid**. The main objective of the program was to provide practical knowledge and hands on training about natural and eco-friendly agricultural practices.

A total of **40 students** participated in the training program along with faculty members, D.Gouthami, A. Tejasree, K. Ravi Teja, D. Lakshmi Lavanya and S. Bhavya Ratna Madhuri on **28/02/2026**. The resource person Brother Ronald Noronha and K. Sisan Joyce (Alumna of A&RD, Maris Stella College) at the environmental hub explained the importance of sustainable farming and demonstrated various natural farming inputs used for improving soil health and crop productivity.

During the training program, students learned the preparation and use of several natural formulations such as **Lemon Egg Amino Acid, Jeevamrutham, Ghana Jeevamrutham, and Beejamrutham**. These formulations help improve soil fertility, increase microbial activity, and enhance plant growth without the use of chemical fertilizers.

The students were also trained in **natural seed pelleting**, a technique used to coat seeds with organic materials to improve germination and seedling establishment.

The training program was informative and beneficial for the students as it provided hands-on experience in sustainable agricultural practices. The visit to **Montfort Environmental Hub** helped students understand the importance of natural farming methods for maintaining soil health and environmental sustainability.



Students Receiving Training Certificate at Montreal Environmental Hub on 28/02/2026



Students participating in Jeevamritham preparation.



Natural seed pelleting training at Montreal Environmental Hub