

Title: Lab to Land Program: Promoting Sustainable Agriculture

Introduction:

- Brief overview of the Lab to Land program initiated by the Department of Chemistry at Government College (Autonomous), Rajahmundry.
- Purpose of the program: To educate and create awareness among farmers about the judicious usage of pesticides and fertilizers for sustainable agriculture practices.
- Target audience: Farmers in Kolamuru village and surrounding areas.

Objectives:

1. To provide farmers with knowledge about the types and effects of commonly used pesticides and fertilizers.
2. To emphasize the importance of using pesticides and fertilizers in a responsible and sustainable manner.
3. To demonstrate alternative methods and practices for pest control and soil fertility management.
4. To encourage adoption of organic farming practices as an environmentally friendly alternative.

Program Details:

- Location: Gadala village, Rajahmundry.
- Date and Time: 19-3-2025, Thursday, 10am.
- Organizers: Department of Chemistry, Government College (Autonomous), Rajahmundry.

Activities:

1. **Educational Workshops:** Conducting interactive workshops to educate farmers about the harmful effects of pesticides and fertilizers on soil health, water quality, and human health.
2. **Field Visits:** Visits to local farms practicing sustainable agriculture to observe firsthand the benefits and challenges of adopting such practices.
3. **Q&A Sessions:** Providing opportunities for farmers to ask questions and seek clarifications from experts regarding pesticide and fertilizer usage.

Outcomes:

- Increased awareness among farmers about the negative impacts of indiscriminate pesticide and fertilizer usage.
- Adoption of sustainable agriculture practices by a certain percentage of farmers in Gadala village and surrounding areas.
- Reduction in chemical inputs in agriculture leading to improved soil health and environmental sustainability.
- Strengthening of the bond between the academic institution and the local farming community through knowledge sharing and collaboration.

Conclusion:

- Recap of the key highlights and achievements of the Lab to Land program.
- Expression of gratitude to all participants, organizers, and collaborators for their contribution to promoting sustainable agriculture in Gadala village.
- Call to action for continued efforts in spreading awareness and implementing sustainable farming practices for a greener and healthier future.



Faculty, students, and the HOD heading to the fields for the 'Lab to Land' program



Faculty and students interacting with farmers



Organic ladyfinger fields—where nature meets nourishment.



బుధవారం మార్చి 19, 2025 5

కళాశాల విద్యార్థుల పాలంబాట



దేవీచౌక్ : ప్రభుత్వ ఆర్ట్స్ కళాశాల రసాయనశాస్త్ర విభాగం ఆధ్వర్యంలో విద్యార్థులు మంగళవారం ల్యాబ్ టు ల్యాండ్ కార్యక్రమాన్ని నిర్వహించారు. దీనిలో భాగంగా విద్యార్థులు, అధ్యాపకులు గాడాల, కొంతమూరు గ్రామాల్లో వ్యవసాయ క్షేత్రాల్లో పర్యటించి నైతులకు సింథటిక్ రసాయనాలు, పురుగు మందుల హానికర ప్రభావాలపై అవగాహన కల్పించారు. సహజ వ్యవసాయ విధానాలు అవలంబించేలా ప్రోత్సహించారు. రసాయనశాస్త్ర విభాగాధిపతి టి. శ్రీనివాసరావు, అధ్యాపకులు పాల్గొన్నారు.

Press coverage of the 'Lab to Land' program

