

Established in 2017, the School of Agriculture (ICAR Accredited), under the umbrella of GIET University, Gunupur, is dedicated to cater quality education, empirical research and value added extension activities in agriculture and allied sectors in Southern Odisha. Nestled in the scenic Eastern Ghats, the school offers modern facilities and a vibrant learning environment for future agro-professionals.



Turning canes into opportunity: Sugarcane fueling Sustainable Agripreneurship

The final year students of School of Agriculture gathered for the official set up of the student-operated Sugarcane juice extraction machine in the campus premise guided by **Dr. Nishith Das, Asst. Prof. (Agronomy)** and inaugurated by **Dr. N.V.J. Rao (Registrar, GIET University)**. The initiative not only pacified the summer thirst but also represented a major milestone for our student agripreneurs, taking the classroom knowledge into the real world.



The trust of ICAR-IIOR: Campus selected for Oilseeds trials

- During Annual Group Meeting on Oilseeds, 2026 at Bengaluru, ICAR-IIOR entrusted two trials on Castor to School of Agriculture, GIET University for the year 2026-27.
- This research activity will be beneficial for identifying high yielding and climate resilient oilseed varieties for tribal dominated regions of Rayagada district.
- This association with ICAR-IIOR will pave the way for enhancing academic excellence and strengthening research capacities of institution, faculty and students.

From Spores to Stores: The Lucrative World of Mushroom Production and Value Addition

Our Mushroom unit is witnessing a quiet, fungi-fueled revolution with minimum of 450 bags of mushroom in one go. The dedicated team of students under the guidance of **Ms. Sarmistha Sahoo, Mr. V. Adarsh, Dr. S. Rizal and Dr. S. Priyadarsinee**, mastered the art of mushroom cultivation. Taking a step further, the students transformed the fresh harvests into premium value added product such as **pakodas**.



Mycelium growth



Button stage



Elongation stage



Turning Agro-waste into Black gold: The Vermicompost Venture

A team of committed students of the ELP on “Commercial Vermicompost Production” under the supervision of **Dr. Rajeswari Das, Dr. Suman G. Sahoo, Dr. Sweta Nanda, Dr. Devidutta Lenka and Dr. K. Srikar**, have built up a thriving ecosystem within Instructional Farm-I, SoAg. By harnessing the power of earthworms, they have turned everyday food scraps and farm waste into top-tier, organic soil conditioner. It’s a massive win towards achieving SDG-13 (action to combat climate change). The unit isn't just limited to **Vermicompost production**, it’s also producing **Vermiwash, Garden Nutri-Mix** a potent, nutrient-rich liquid fertilizer, natural pest repellent and premium pot mixture respectively.



Pre-decomposition



Harvesting



Sieving



Feedback from Successful Tribal farmers

Remarkable differences in **crop growth and yield, noticeable drop in disease and pest attack** along with **better moisture retention** in the field were the core breakthroughs.

Villages Covered:

- Sana Kujendri – Tomato, Brinjal
- Panasaguda – Cotton, Maize, Tomato
- Narayanaguda- Tomato, Cabbage, Marigold
- Bhamini – Pointed gourd, Chilli



Grown under the sun, harvested at peak of flavour



➤ From juicy Watermelons, fragrant fleshy Mangoes, sweet sun-ripened Pineapples to tart-sweet Passion fruits conquered the scorching heat of the campus by satisfying the summer craving.

➤ With this spectacular colourful bounty, it showcased the relentless efforts put-up by our field force who turned the summer sunshine into a refreshing ambience within the campus.



MSME Incubation Project "Pushp Kalyan"

As a part of the MSME Incubation Project "Pushp Kalyan", Dr. Anmol Panda and Dr. K. Raja Babu conducted stakeholder validation study in Berhampur as well as had an interaction with temple authorities, customers, Malakaars (Garland makers) and industry representatives from the agarbatti and aroma sectors. The study provided key insights for the development of an integrated mobile application.



Celebrating Excellence: The Master's Milestone

Congratulations M.Sc. (Ag) Scholars!

Wishing them success in all their future endeavour.

The School of Agriculture, GIET University, offers the gratitude to all the major advisors and External evaluator, **Dr. Sachin Kant Rautaray, Principal Scientist, ICAR-IIWM, Bhubaneswar** for their invaluable time and expert insights.

Sl. No.	Major Advisors	Students
1.	Prof. (Dr.) V.S. Devadas	Mr. Subhankar Panda
2.	Dr. K. Raja Babu	Mr. Anish Kumar Subudhi, Mr. Pratyush Ku. Pradhan
3.	Dr. Nishith Das	Mrs Radharani Acharya, Mr. Pratyush Ranjan Sahu
4.	Dr. Golmei Langangmeilu	Mr. Ayush Gartia, Mr. Baburaj Paraja

Pollinators, Predators & Pests: Student's Showcase



By cataloguing agriculturally significant insects-pests, our students under the guidance of **Dr. Swagatika Sahoo** and **Ms. M. Monalisa Devi** collected and exhibited in a decorative manner.



Farm Glimpses

❑ Farm Fresh: Coconuts and Onions Galore!

This season, the University fields have wrapped up with a bumper yield of fresh onions and premium quality coconuts. Integration of coconuts and onions introduced two completely new seasonal freshness to the existing farm harvests. Instead of just adding more volume, this expansion diversifies the production timeline and market reach.





Natural Bio-formulations: Advancing Sustainable Cowpea Production

This season, the team (**Dr. Golmei L, Dr. Shishir Rizal, Ms. M. Monalisa Devi and Dr. Nishith Das**) executed the field applications of specialized organic formulations in cowpea at 30 DAS. This timely intervention played a vital role in boosting soil health, enhancing nutrient absorption with luxuriant growth and strengthening plant defenses to ensure a robust, sustainable harvest.



Optimizing Agro-Ecological Niches: The Art of Agri-Horti Integration

At IF-4, SoAg, **Dr. Nishith Das** has implemented an Agri-Horti Cropping system. By integrating perennial fruits like Mango, Pineapple and Apple ber with legumes like Chickpea, Sunhemp and Green gram, amplified land use resource efficiency, microbial growth, fertility and profit have been recorded thereof.



Faculty Participation in FDP on Internet of Things (IoT)

Dr. Golmei L., Dr. Shishir Rizal, Dr. N. Sushma Devi, Dr. Tushar Ghosh, and Ms. M. Monalisa Devi attended a 15 days FDP, organised by GIET University.

Thrust Areas:

- Multi-layer architecture
- Sensors
- C++/Python programming

Outcome:

- Smart agricultural prototypes:
- Automated irrigation
- Soil monitoring in real-time automation



Editor-in-Chief: Prof (Dr) V. S. Devadas, (Dean, School of Agriculture, GIET University)

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