

Share food security knowledge with local farmers through outreach and training.

In the year 2024, Centurion University, Paralakhemundi has been actively engaged in transforming local agriculture and aquaculture through its extensive farmer outreach programs and village adoption initiatives. The university has adopted several villages including Badapadu, Kharling, and Nuagada under its Unnat Bharat Abhiyan program. Regular Kisan Melas are organized to demonstrate innovative agricultural

<p>VILLAGE ADOPTION</p> 	<p>FARMER TRAINING</p> 
<p>Villages Adopted Under Unnat Bharat Abhiyan</p> <ul style="list-style-type: none"> • Badapadu • Kharling • Nuagada 	<p>Training in Sustainable Practices</p> <ul style="list-style-type: none"> • Aquaponics, Biofloc • Soil Health Management • Integrated Farming Systems
<p>KISAN MELAS</p> 	<p>ORGANIC LIVELIHOOD MODELS</p> 
<p>Demonstration of Agricultural Technologies</p> <ul style="list-style-type: none"> • Organized Regularly • Showcase Innovations 	<p>Empowering Women's Self-Help Groups</p> <ul style="list-style-type: none"> • Mushroom Cultivation • Value-Added Products

technologies and aquaculture practices to farmers. The university conducts specialized training programs on Organic Livelihood Models (OLM), including mushroom cultivation techniques that have empowered women's self-help groups. These initiatives are complemented by comprehensive training in organic farming methods aimed at doubling farmers' income through integrated farming systems and value-added product development. Through its MS Swaminathan School of Agriculture and School of Fisheries, Centurion University provides local farmers with critical knowledge and skills in sustainable practices like aquaponics, biofloc technology, and soil health management, directly contributing to enhanced food security in the region. The university's efforts have trained over 5,000 farmers annually, resulting in measurable impacts including 30% yield increases in adopted villages and the development of award-winning models like the 'Aqua-Village' program for small-scale aquaculture.



2.5.1 A Free:

- **Utkal Krishi Mela:** Annual agricultural fair showcasing innovative farming technologies and sustainable practices to local farmers. Centurion University organizes Utkal Krishi Mela each year in month of February to April for well being of local farming communities.
- **OLMs Farmers Training on Mushroom Cultivation: in 2 batches January and July:** Empowers farmers with low-cost, high-profit mushroom production techniques for additional income.
- **Women Farmers Training on Apiculture, each year nearby Women’s Day:** Equips women with beekeeping skills to enhance pollination and produce organic honey.
- **Organic Fish Farming:** Promotes chemical-free aquaculture methods for healthier fish production and ecosystem balance.

- **Training on RAS Fish Production Technology, During Feb-March and July-August:** Teaches Recirculating Aquaculture Systems (RAS) for water-efficient, high-yield fish farming.



- **Sustainable Aquaculture Training for Adopted Villages:** Provides adopted villages with eco-friendly fish farming techniques to improve livelihoods.

- **Livelihood Development Programme by Organic Farming:** Trains farmers in organic practices to boost yields, reduce costs, and access premium markets.



- **Sustainable Food Production & Management Training for Women SHGs:** Enables women’s self-help groups to adopt eco-friendly food production and storage methods.

- **Integrated Crop Protection Training for Harsha Trust Farmers:** Educates farmers on natural pest control to reduce chemical use and improve crop health.
- **Commodity & Food Storage Training for Women Farmers:** Teaches proper storage techniques to minimize post-harvest losses and increase food security.

2.5.1 B Paid:

These programmes include:

- Practical hands-on training
- Course materials
- Certification
- Entrepreneurial guidance

Centurion University, through the JC Kumarappa Rural Technology Park and allied campus units, has consistently upheld its mission of promoting inclusive, affordable, and skill-oriented education. By offering free outreach initiatives, open enrollment opportunities, and minimal fee structures, the University ensures that training is accessible to diverse learners, particularly those from rural and economically weaker sections.

1. **Training on Paper Cup Making (7 Days) - ₹650:** *Conducted by JC Kumarappa Rural Technology Park* Teaches eco-friendly paper cup production using local resources for small-scale entrepreneurship.
2. **Wood crafting Training (18 Days) - ₹1,800:** *JC Kumarappa Rural Technology Park* Comprehensive course on traditional woodworking techniques and modern furniture design.
3. **Handloom Weaving (18 Days) - ₹1,800:** *JC Kumarappa Rural Technology Park* Skill development in traditional textile weaving and contemporary design applications.
4. **Commercial Mushroom Farming (7 Days) - ₹650:** *Mushroom Unit* Practical training on oyster/button mushroom cultivation and marketing strategies.
5. **Spawn Production Technology (7 Days) - ₹650:** *Spawn Unit, Plant Pathology* Hands-on learning of mushroom spawn preparation and quality control methods.



6. **Natural Farming Techniques (7 Days) - ₹650:** *Organic Farming Unit* Training in chemical-free cultivation methods and soil health management.
7. **Bio inputs Production (7 Days) - ₹650:** *Plant Pathology & Entomology* Manufacturing biopesticides and biofertilizers for sustainable agriculture.

8. **Vanilla Cultivation (18 Days) - ₹1,800:** *Smart Agriculture Unit*
Specialized training in vanilla propagation, processing and value-addition techniques.

PAID TRAINING PROGRAMMES

<ul style="list-style-type: none"> • Practical hands-on training • Course materials • Certification 	<ul style="list-style-type: none"> • Course materials • Certification • Entrepreneurial guidance
<div style="display: flex; align-items: center; justify-content: center; margin-bottom: 10px;"> <div style="text-align: left;"> <p>Training on Paper Cup Making (7 Days) - ₹650</p> </div> </div>	<div style="display: flex; align-items: center; justify-content: center; margin-bottom: 10px;"> <div style="text-align: left;"> <p>Spawn Production Technology (7 Days) - ₹650</p> </div> </div>
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Centurion University, through

Centurion University, through its free outreach initiatives such as the Utkal Krishi Mela, mushroom cultivation training, apiculture programmes, organic fish farming, sustainable aquaculture practices, organic farming for livelihoods, and women SHG-based food production and storage training, directly strengthens local communities’ capacity to achieve food security and nutrition resilience. Complementing these, the paid vocational programmes on mushroom farming, spawn production, natural farming, bio-inputs, and vanilla cultivation equip farmers, women, and youth with entrepreneurial skills that generate income while ensuring access to safe, sustainable, and diverse food sources. Together, these interventions reduce post-harvest losses, promote eco-friendly production, and empower marginalized groups, thereby aligning Centurion University’s efforts with SDG 2: Zero Hunger and building a self-reliant, food-secure rural economy.

STRENGTHENING FOOD SECURITY AND NUTRITION RESILIENCE

<p style="text-align: center; font-weight: bold; margin-bottom: 10px;">FREE OUTREACH INITIATIVES</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Utkal Krishi Mela</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Mushroom Cultivation Training</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Apiculture Programmes</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Organic Fish Farming</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Sustainable Aquaculture</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Organic Farming for Livelihoods</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Women SHG-Based Food Production & Storage Training</p> </div>	<p style="text-align: center; font-weight: bold; margin-bottom: 10px;">PAID VOCATIONAL PROGRAMMES</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Mushroom Farming</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Spawn Production</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Natural Farming</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Bio-Inputs</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Vanilla Cultivation</p> </div>
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