



Technology | Enterprise | Development

## In this Issue

### From CPO's Desk

- ✓ Role of ICT in Addressing Livelihood Concerns through Human Capacity Development

### News & Events

- ✓ STRC-GUG's Participation in Agro-Vision 2021
- ✓ Capacity Building Workshop for Paddy Productivity Enhancement
- ✓ Capacity Building Workshop on Vegetable Farming
- ✓ STRC-GUG Launched One Year Undergraduate Diploma in Bamboo Entrepreneurship and Design at Gondwana University, Gadchiroli

### Article

- ✓ *Butea monosperma (Lam.) Kuntze*, Palas- Flames of the Forest

### STRC in Media

- ✓ तंत्रज्ञानाच्या माध्यमातून भाजीपाला लागवडीचा विकास साधावा
- ✓ STRC मार्फत एक दिवसीय सगुना धान लागवड कार्यशाळा



**Science & Technology Resource Centre**  
**Gondwana University, Gadchiroli**

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## Role of ICT in Addressing Livelihood Concerns through Human Capacity Development

Enabling rural communities across the nation through human capacity development initiatives to enhance their knowledge, skill-set and by providing low-cost technology support would help in addressing the livelihood concerns. This concept advocates adoption of eco-friendly technologies and enterprise development based on available natural resources, can be used as a tool in addressing the issues of sustainable livelihood and food security. It provides the poor access to multiple sources of livelihood through skill upgradation and technological empowerment. A 'self-sufficient' community in line with the 'Gillage' concept is what developing nations must aim for. Information, Communication and Technology (ICT) can play a vital role in this endeavour.

Technologies can enhance rural productivity by enabling solution-sharing between the local people and communities. ICTs can help provide access to practical information on small business, commodity value chains, bookkeeping, weather forecast, and best practices in Agri / Allied sector. New technologies with a range of applications are being developed that include energy (for lighting, cooking, transportation, and agriculture), water (for domestic consumption and cultivation), agriculture (better seeds, practices, and equipment), manufacturing (small scale, agro-based, etc.), can contribute to improve the quality and reduce the costs of delivering services to rural communities. ICT based solutions allow rural communities to access high-quality services by overcoming physical distances and road or rail infrastructure challenges.

At Science and Technology Resource Centre (STRC), we believe, our ICT centric initiatives provide ample opportunities in creating Community Interaction Platforms which plays a vital role in creating awareness, facilitating knowledge, skill-sets and technologies and to have one-on-one dialogue to understand intricacies of the challenges they face.

*(Author heads the Science and Technology Resource Centre -STRC, Gondwana University, Gadchiroli)*



# News & Events

## STRC-GUG's Participation in Agro-Vision 2021



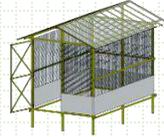
STRC-GUG participated in Agro-Vision, central India's largest agri- summit held between 24<sup>th</sup> to 27<sup>th</sup> December 2021. It provided a wonderful platform for knowledge exchange, to showcase STRC innovations and ensured possible collaborations. Over 1000 visitors made visit to STRC stall and appreciated STRC's products and services in livelihood generation through S & T based interventions.

## Capacity Building Workshop for Paddy Productivity Enhancement

To promote role of science and technology in agriculture with respect to Gadchiroli, a one-day capacity building workshop was organized on 14<sup>th</sup> December 2021 on paddy productivity enhancement using advance agronomic practices. Over 46 small scale / marginal farmers participated in the workshop. Mr. Yogesh Bansod and Mr. Rajesh Wani (SRT Sevak) from Pune-Satara addressed and shared their experiences on paddy farming using SRT technology. STRC demonstrated bamboo seed spacer frame and low-cost poultry shed which generated a lot of interest among the gathered audience. Farmers actively expressed their desire to adopt these low-cost technologies.



1



Poultry Shed

2



Seed Spacer



## Capacity Building Workshop On Vegetable Farming

A One day capacity building workshop was organized at STRC for Vegetable growers on 2<sup>nd</sup> December 2021 to make them aware about the scope, scientific cultivation techniques, economics and excite them about the opportunities it presents. Mr. Suchit Lakade, Subject Matter Specialist from Krushi Vigyan Kendra, Gadchiroli addressed the gathering of about 45 farmers during the event.

## STRC-GUG Launched One Year Undergraduate Diploma in Bamboo Entrepreneurship and Design at Gondwana University, Gadchiroli

STRC formally rolled-out the first session of the One Year Undergraduate Diploma in Bamboo Entrepreneurship and Design on 21<sup>st</sup> December 2021. Twenty students have already enrolled in to this diploma program which boasts of an unique applicatory curriculum. This course also aims at creating a competent young workforce who are industry ready as Trainers, Designers, Supervisor and Entrepreneurs.



