



Technology | Enterprise | Development

In this Issue

About STRC

Article

- † Need for Rural Entrepreneurship

News & Events

- † STRC Organises a One Day Workshop on 'The CILLAGE Concept: Ideas to Implement in the Gadchiroli Context'
- † Science & Technology Resource Centre participates at the 108th session of Indian Science Congress (ISC), 3rd to 7th Jan 2023
- † STRC organises One day workshop for Ashramshala Teachers under the 'Environmental Education Program for Tribal School of Gadchiroli' Initiative

STRC Bamboo Products

Advertisement



Science & Technology Resource Centre
Gondwana University, Gadchiroli

A centre of excellence for sustainable value creation, conceived and funded by Rajiv Gandhi Science and Technology Commission (RGSTC), Mumbai, Govt. of Maharashtra.

January 2023
(issue #40)



Shri Ashis Gharai

Chief Program Officer & Head,
Science & Technology resource Centre (STRC),
Gondwana University, Gadchiroli

STRC is an autonomous institute under Gondwana University, Gadchiroli. Conceived and funded by Rajiv Gandhi Science and Technology Commission (RGSTC), Mumbai, Govt. of Maharashtra, STRC is entrusted with generating livelihood opportunities by deploying appropriate science and technology, particularly for the under-served tribal communities of the Gadchiroli region since 2014. As a centre of excellence for sustainable value creation, STRC is leveraging local resources, relevant knowledge and appropriate technologies for human capacity development.

Need for Rural Entrepreneurship

Entrepreneurship is a wide concept. On one side, an entrepreneur is a person who initiates change. Very few people possess this quality. On the other side, anyone who wishes to take an effort and work for himself is also characterized as an entrepreneur. In India the problem of unemployment is very chronic and to correct this situation, we need to work for the idea of working for ourselves and try to become the initiator of change.

Rural entrepreneurship is possible in various forms such as Individual Entrepreneurship, Group Entrepreneurship, Cluster Formation and cooperatives. Clusters and cooperatives are suitable and effective forms of rural entrepreneurship. A cluster is a formal or non-formal group of people formed with a common objective or goal. Rural entrepreneurship primarily deals with industries of micro or tiny structure. The gestation period of micro and tiny industries is less than the large industries, hence they are capable to generate yield quickly. Most of the micro and tiny industries are labour intensive, hence a large number of local unemployed people may get employment by establishing micro and tiny industries.

Rural entrepreneurship is an important socio-economic boosting factor, and considering the importance of rural entrepreneurship for the development of our economy, the Government is also positive in this direction and has started several initiatives. Various Government and Non-Government organizations are working for the development of rural entrepreneurship. Like the District Industry Centre, Centre for Entrepreneurship Development, Small Industry Service Institutes, Technical Consultancy Organizations, Khadi and Village Industries Commission and Commissioner of Cottage Industries etc. Along with these organizations, several big business houses are also working in the area of rural entrepreneurship to strengthen the rural sector.

Rural entrepreneurship is an opportunity to utilize the rural resources in our economy. Along with Government and Non-Government institutions established for the development of rural areas, Micro financial institutions also play an important role. Microfinance is an arrangement of providing financial assistance to the poor and low-earning class of people, not capable to access banks and other financial institutions for their formal financial needs. Due to this basic characteristic of microfinance, microfinance institutions may become pioneers in rural finance and help in spreading the revolution of rural entrepreneurship. Microfinance institutions are not only engaged in providing micro-credit but also many other financial amenities like saving, insurance, and fund transfer. Microcredit is one of the areas of microfinance.

Despite the various initiatives designed for the development of rural entrepreneurship or the rural sector of our economy, the result is not satisfactory. Marketing is one of the major challenges for rural entrepreneurship. Along with rural entrepreneurs, a major portion of the rural market is captured by big companies and multinationals. These companies have huge monetary reserves and skilled marketing forces. They use many attractive marketing strategies to improve their customer base. Apart from financial support rural entrepreneurs also need training in effective marketing to survive and grow in such a dynamic environment. Regular training will help rural entrepreneurs to understand the problem in a precise manner and equips them with diagnostic tools. Thus, with active organizational support and creativity along with restless efforts a rural entrepreneur may achieve his desired goal.



Aniruddha Gachake
Assistant Professor

Post Graduate Teaching Department of
Commerce, Gondwana University, Gadchiroli
asgachake@gmail.com | +91 8180830907

Science & Technology Resource Centre (STRC) Organises a One Day Workshop on 'The CILLAGE Concept: Ideas to Implement in the Gadchiroli Context'



Shri. Ajit Patankar, pioneer of 'CILLAGE' concept and Senior Advisor, Rajiv Gandhi Science and Technology Commission, Mumbai, Government of Maharashtra addressed university authorities, faculties and STRC staff as the keynote speaker as STRC organised a one-day workshop on Friday, January 6, 2023 at Gondwana University Gadchiroli. The workshop was formally inaugurated and presided over by the Hon'ble Vice-Chancellor, Gondwana University, Gadchiroli Dr. Prashant Bokare. Dr. Bokare, who reiterated the fact that knowledge enabled rural development through enabling and upskilling tribal youths is the way forward.

At the outset, Shri. Ashis Gharai, Chief Program Officer and Head, STRC in his opening remarks gave an overview and objective of the workshop.

Shri. Patankar, during his lecture, stressed upon the goal of the CILLAGE concept, its gradual evolution over the years, how to build an integrated knowledge-based ecosystem for technologically enabled sustainable development in rural areas, especially in Gadchiroli context.

Along with Dr. Shriram Kawale, Pro-Vice Chancellor, Gondwana University, Gadchiroli, Directors, Deans, Senior faculties of the University, Govt functionaries from various departments, Prof. Narendra Shah, Member Secretary, Rajiv Gandhi Science and Technology Commission, Nagpur, Government of Maharashtra and Smt. Pragati Gokhale, Advisor RGSTC, amongst other participated in the workshop both through physical and on-line mode.

STRC is integrating the concept of CILLAGE in to its programmatic framework through its various initiatives.



**Padma Vibhushan
Dr. Anil Kakodkar**

"CILLAGE - A knowledge integrated sustainable village development model that aims to leverage new and appropriate knowledge-based technologies, including some created locally, to create additional and higher-level livelihood opportunities in villages that also include manufacturing and service sector activities in addition to agriculture and allied activities"



Science & Technology Resource Centre participates at the 108th session of Indian Science Congress (ISC), 3rd to 7th Jan 2023

The 108th session of the Indian Science Congress (ISC) based on the theme 'Science and Technology for Sustainable Development with Women Empowerment' was held at Rashtrasant Tukdoji Maharaj Nagpur University during 3rd to 7th January 2023.

Shri. Ashis Gharai, Chief Program Officer & Head, Science & Technology Resource Centre, Gondwana University, Gadchiroli addressed a huge gathering of participants as an Invited speaker on 'Indigenous Medicinal Knowledge; Traditional Healers and Their Healing Practices'. The session under the Tribal Science Congress on 3rd Jan 2023 was chaired by Dr. Prashant Bokare, Hon'ble Vice-Chancellor, Gondwana University, Gadchiroli. Shri. Ashis Gharai during his presentation stressed on STRC's initiatives on conservation and digital documentation of Indigenous Medicinal Knowledge. STRC's effort to come up with the first version of the Vaidu Directory – a handbook of local traditional healers and plant-based healing practices and the concept of Vaidya Chikitsalay in the university campus received a lot of positive reviews and feedback. STRC stall in the event showcasing a model Vaidya Chikitsalaya and scientific publications attracted many curious visitors.



Dr. Prashant Bokare, Vice Chancellor, Gondwana University, Gadchiroli presiding over the session at Tribal Science Congress



STRC organises One day workshop for Ashramshala Teachers under the 'Environmental Education Program for Tribal School of Gadchiroli' Initiative

Science & Technology Resource Centre organized a one-day capacity building workshop for Headmasters and Teachers under the 'Environmental Education Program for Tribal School of Gadchiroli' initiative on Saturday, 7th January 2023. Part of its Phase I activities, 10 Ashram schools in and around Gadchiroli have been selected. A total of 20 Principals and Teachers of the selected schools participated in the day-long workshop.

In his introductory message, Shri. Ashis Gharai, Chief Program Officer & Head, apprised the group of teachers about the core mandate of the program and major expectations from this workshop.

Taking this workshop as an introductory Teachers' Training Program, Shri. Swapnil Girde, Scientific Officer and Ms. Kajal Khevale, Junior Scientific Officer, STRC, trained the teachers on incorporating various aspects of environment learning in to school education. The participating teachers were appraised as to how this program can be more interesting, effective and impactful for students. During this workshop, various elements of the environment and their interdependence were elaborated through different games. Teachers participated proactively and expressed interest in implementing the activities under the initiative in their respective schools.



Under the “Tribal Pride Journey” organised by Maharashtra State Faculty Development Academy (MSFDA), Pune, in collaboration with Gondwana University Gadchiroli during 7th to 14th January 2023, a group of Principals representing colleges across Maharashtra visited Science & Technology Resource Centre, Gondwana University, Gadchiroli to understand STRC's mandate on Sustainable Value Creation through application of appropriate science and technology for overall development of the local tribal communities. During their visit, Principals expressed a lot of appreciation for the activities STRC is currently engaged in.



Bamboo National Flag Badge - a unique bamboo product designed and developed by Science & Technology Resource Centre trained Women Self Help Group (SHG) of Gadchiroli.

Bamboo National Flag Badge



Product Sketch



Product Name	Bamboo Flag Broach
Material	Bamboo (<i>Dendrocalamus strictus</i> /मानवेल)
Dimensions (cm)	05(L) x 1.5(B) x 10(H)





विज्ञान व तंत्रज्ञान संसाधन केंद्र गोंडवाना विद्यापीठ, गडचिरोली



एक वर्षीय पदविका अभ्यासक्रम बांबू उद्योजकता आणि रचना

आदिवासी व ग्रामीण तरुणांना बांबू क्षेत्रात भविष्य घडविण्याची संधी तथा सक्षम व कुशल मनुष्यबळ तयार करण्याच्या दृष्टीने गोंडवाना विद्यापीठाद्वारे सुरु करण्यात आलेला पदविका अभ्यासक्रम

अभ्यासक्रमाची प्रमुख वैशिष्ट्ये



बांबू उद्योजकता केंद्रित
अभ्यासक्रम



बांबू क्षेत्रातील कुशल
तज्ञांद्वारे प्रशिक्षण



बांबू संशोधन व
विकासाकरिता
आधुनिक व सुसज्ज सुविधा



बांबूवर आधारित उद्योगांच्या
स्थापनेसाठी आर्थिक सहाय्य
मिळविण्याची संधी

प्रवेश घेऊ इच्छुक असणाऱ्या विद्यार्थ्यांकरिता ...

- ✓ निशुल्क - प्रवेश व वसतिगृहाची सुविधा
- ✓ शिका व कमवा योजने अंतर्गत आर्थिक सहाय्य मिळविण्याची संधी
- ✓ यशस्वीरीत्या अभ्यासक्रम पूर्ण केल्यास रोजगार सहाय्य

शैक्षणिक पात्रता

शिक्षण: १२ वी पास
वयोगट : १८ - २५ वर्षे

विद्यार्थी प्रवेश क्षमता



३०

इच्छुक विद्यार्थ्यांनी त्वरित
संपर्क साधा