



### *First Circular*

## **State Level Online Conference on Sustainable Intensification and Agricultural Development in Andhra Pradesh**

*Agricultural College, Naira, a constituent College of Acharya N.G.Ranga Agricultural University, is going to organize a two day state level online conference on “Sustainable Intensification and Agricultural Development in Andhra Pradesh” on 24<sup>th</sup> to 26<sup>th</sup>, February, 2021 with the financial assistance of NABARD*

### **BACK GROUND**

The current fallow land available in Andhra Pradesh during 2018-19 was 1.451 million ha where in, the land was being kept vacant without cultivation across seasons of the referred agricultural year. One of the reasons for being left without cultivation is non availability of irrigation facilities at least in *rabi* season. The other obstacles might be costs involved in getting power connection, unawareness of farmers about the suitable time and package of practices to be followed while bringing additional area into cultivation. The agricultural sector being plagued by labour shortage and lacking skills for the last many years could be rejuvenated due to return of migrant labour due to Corona pandemic. The returning migrant labour should be viewed as an opportunity but not as a threat in the effort for sustainable intensification of current fallows in Andhra Pradesh to improve socio economic condition and to achieve sustainable and comprehensive food and nutritional security in addition to create additional employment opportunities in rural areas. In order to achieve this goal, mobilization of financial resources both at private and public point of view and the organization of human resources is the key in addition to already existing training, extension and policy options. The organization of already existing unemployed along with the returned migrant labour into cultivation cooperatives or farmer producer organizations, capacity building in production of agricultural and allied products, linking these activities with existing government programmes/schemes could be the action plan to achieve sustainable and comprehensive food and nutritional security in addition to create additional employment opportunities in rural areas. Keeping this in view, papers are invited from scientists, researchers and faculty members engaged in this domain of sustainable livelihood securities, employment generation and the related issues for presentation and discussion in the conference

### **PROGRAMME**

Research/policy papers are invited in all aspects of Sustainable Intensification in Andhra Pradesh and other similar agro- ecological settings around the world, and authors are invited to deliberate on the following broadly themes.

#### **THEME I : OPTIONS FOR ENHANCING LAND USE EFFICIENCY**

- District wise, agro-climate wise details of land use and strategies for increasing cropping intensity
- Crops, cropping and farming systems suitable for sustainable intensification
- Innovative models for efficient land utilization suitable for increasing cropping Intensity in Andhra Pradesh

- Resource conservation technologies for increasing cropping intensity
- Farming system approaches for sustainable intensification and agricultural development

## **THEME II : SUSTAINBLE SOIL MANAGEMENT FOR AUGMENTING SYSTEM PRODUCTIVITY AND PRECISION AGRICULTURE**

- District wise, Agro-climate wise details of soil resource endowment and their efficient management in Andhra Pradesh.
- Digital solutions for survey, mapping for sustainable utilization of soil resources
- Soil management strategies and related location specific innovations useful for sustainable intensification
- Natural resource management(NRM) options for increasing cropping intensity
- Agro climate wise, district wise, cropping and farming system wise engineering interventions and adoptable components of precision agriculture to enhance cropping intensity and productivity

## **THEME III : MONITORING, EVALUATION AND PROGRAMME IMPLEMENTATION AND INSTITUTIONAL INNOVATIONS**

- Data base management for real time monitoring of agriculture and allied activities
- Economic evaluation of crops, cropping systems and farming systems as components useful for sustainable intensification in Andhra Pradesh
- Programmes of central and state governments and innovations required to orient farmers towards sustainable intensification
- Institutional innovations for devising successful frame work for sustainable agricultural development to achieve comprehensive livelihood security of farmers

### **Conference Organizing Committee**

Dr. A. Vishnuvardhan Reddy, Hon'ble Vice Chancellor, ANGRAU, Lam, Guntur

Dr.A. Pratap Kumar Reddy, Dean (Agri), ANGRAU, Lam, Guntur

Dr. Y.Radha, Director (P&M) & University Head, Department of Agricultural Economics, ANGRAU, Guntur

Dr. A.V.Ramana, Associate Dean, Agricultural College, Naira

Dr. G.Raghunadha Reddy, Professor & Head, AMIC, ANGRAU, Guntur

Dr. N.Sunanda, Assoc. Prof. & Head, Dept. of Agricultural Economics

### **Conference President**

Dr.A. Pratap Kumar Reddy, Dean (Agri), ANGRAU, Lam, Guntur

### **Time line**

Lat date for submission of abstracts : **10.02.2021**

Last date for Registration : **19.02.2021**

Last date for Submission of full paper : **20.02.2021**

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