

## Call for Papers:

Papers are invited in the areas related to the theme and sub-themes for presentation. Participants are requested to send their abstracts in about 250 words in English typed in MS- word, Times New Roman, 12 Font with 1.5 spacing on A4 size paper with author affiliation and e-mail id. Selected full length papers will be published in the form of proceedings with ISBN. The author will be required to send in a paper not exceeding 3000 words including references. The selected papers will be published as seminar proceedings after peer review Send abstracts to following Email ID: [ecoggc@gmail.com](mailto:ecoggc@gmail.com)

### Important dates:

Submission of abstracts:  
01-03-2020

Submission of full papers:  
05-03-2020

### Registration Fee:

Faculty & Academicians : ₹ 500/-  
Research Scholars : ₹ 300/-  
PG Students : ₹ 100/-

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## DEPARTMENT OF ECONOMICS Girraj Govt. College (Autonomous)

Nizamabad - 503 002 Telangana State

Website : [www.ggcncz.ac.in](http://www.ggcncz.ac.in)

email : [ecoggc@gmail.com](mailto:ecoggc@gmail.com)



**GIRRAJ GOVT. COLLEGE**  
(Autonomous),  
(Reaccredited with "B" Grade by NAAC)  
**NIZAMABAD**



## Two-Day National Seminar

on  
**Environmental Concerns and  
Sustainable Development in Agriculture**

Sponsored by  
**U.G.C., Autonomy Grants, New Delhi**

on  
**13<sup>th</sup> & 14<sup>th</sup> March, 2020**



Organized By

**DEPARTMENT OF ECONOMICS  
GIRRAJ GOVT. COLLEGE (A)**

Nizamabad - 503 002  
Telangana State

email : [ecoggc@gmail.com](mailto:ecoggc@gmail.com)  
Website : [www.ggcncz.ac.in](http://www.ggcncz.ac.in)

## About The College:

The GIRRAJ GOVERNMENT COLLEGE was established in the post independent era in 1956 and was named after Girrajmalji Agarwal, one of the prominent philanthropists who helped in its inception by donations. It was taken over by the Government of Andhra Pradesh in 1959. The college is located in a sprawling 29.6 acres of land on the outskirts of Nizamabad town. It is an autonomous institution accredited by NAAC with Grade B. It is affiliated to Telangana University, Nizamabad. The college is offering 32 Under Graduate Courses and 9 Post Graduate Courses with 5000 students' on rolls at both UG and PG levels. It has state-of-the-art laboratory and two libraries with huge number of books. The college envisions at imparting qualitative education among the students of the region which is predominantly agrarian. The institution has a qualified, committed and service oriented staff who make untiring efforts for integrated development of the students and the institution.

The qualitative and quantitative results of the college substantiate its strength; keeping in view of the changing trends and values, the dynamism and vision of the faculty made to initiate number of programmes for the benefit of students empowering them to face the challenges of future.

## About the Department:

The Department of Economics was established in 1956 along with other U.G. Courses and it was later upgraded to P.G Course with M.A. Economics in 1982. It has been committed towards promoting high quality Teaching & Research activities. The Faculty is highly qualified with research experience in order to provide excellent teaching in Economics at UG & PG levels, the Department of Economics has undertaken 6 Minor Research Projects so far.

The Department has organized many symposiums and workshops for the benefit of Staff and Students. It has visiting professors from Osmania University and Telangana University to deliver extension lectures. The department takes pride with more than 90% students passing out in U.G. Courses and 100% in P.G Courses.

## About Nizamabad:

The Nizamabad town is located in the north-west region of Telangana State. It is one of the municipal corporations of the State with two International Hotels. The town is just 160 km away from Hyderabad, the capital of Telangana and is well connected with road and railway line to Hyderabad and Nanded, a city in the eastern Maharashtra. A good number of trains are run connecting Nizamabad with Vizag, Tirupati and Bhubaneswar. The perennial peninsular river, the Godavari and its major tributary the Manjeera flow along the north and the west borders of the district respectively making the entire region more alluvial fertile and evergreen.

- Thus, the two major irrigation water reservoirs, the Sriram Sagar Project and Nizam Sagar are built on these two rivers. The confluence of the Manjeera with the Godavari occurs at a holy place, Kandakurthy which is just 35 kilometers away from Nizamabad. Furthermore, the Gnana Saraswati temple is located on the banks of the Godavari at Basara which is 35 kilometers away from Nizamabad. The eastern and southern parts of the district are predominantly occupied with typical sub-tropical deciduous rain forests bordering the erstwhile Karimnagar and Medak districts.

## About the Seminar

Agriculture remains the pre-dominant occupation in India for vast majority of the population. Over the years, several new challenges have emerged before the sector. With fragmentation of agricultural holdings and depletion of water resources, the adoption of a resource-efficient, ICT based climate-smart agriculture can enhance agricultural productivity and sustainability. Smallholder farming can be a lucrative livelihood opportunity with the application of appropriate technologies and adoption of natural, organic and Zero Budget Natural Farming. To transform the rural economy, greater emphasis should be given to allied sectors with a major focus on dairy, poultry, fisheries and rearing of small ruminants. The rationalization of food subsidy and greater use of technology in food management will ensure food security for all. Agriculture and allied sectors are critical in terms of employment and livelihoods for the small and marginal farmers, who dominate the agriculture ecosystem in India. To attain the Sustainable Development Goals (SDGs) of ending poverty and bringing in inclusive growth, activities related to agriculture need to be closely integrated with the SDG targets. With decline in the size of landholdings in agriculture, India has to focus on resource efficiency in smallholder farming to meet the SDG targets and also to attain sustainability in agriculture. A combination of resource efficient methods, dynamic cropping patterns, farming that is responsive to climate change and intensive use of ICTs should be the backbone of smallholder farming in India. For a safe and food secure future, the agriculture landscape has to undergo tremendous transformation and shift from the philosophy of 'green revolution led' productivity to 'green methods' led sustainability in agriculture.

India needs to find a way to ensure environmental sustainability without compromising its economic and social development. To address growing environmental challenges, a new development paradigm is needed that puts people at the centre of development,

regards economic growth as a means and not an end, protects the life opportunities of future generations as well as the present generations and respects the natural systems on which all life depends. Sustainable development is a key concept that provides an answer to the question how human-kind coexists harmoniously with the earth and with nature. Mahatma Gandhi always believed that the "Future of India Lies in its villages" and he was convinced that "If the villages perish, India will perish too". For him rebuilding of the nation could be achieved only by reconstructing villages. Though urbanization is increasing and consequently proportion of rural population in total population is gradually on decline still close to seventy percent population or 743 million people, as per census 2011 live in rural areas and despite declining share of agriculture and GDP, agriculture continues to employ around half the country's total workforce and over two-thirds of the rural workforce. As the country aspires to double the farmers' income by 2022 the policy planner needs to analyze issues related to agriculture in holistic manner.

## Objectives of the Seminar:

1. To identify the extent of Environmental support for the Promotion of Sustainable Agriculture.
2. To generate awareness on various Sustainable Agriculture Development activities.
3. To facilitate the discussion on the Agriculture development programs.
4. To empower the Agriculture & Rural people towards socio & economic development.
5. To identify the problems in implementing the Sustainable Agriculture Practices and suggest suitable measures for its effective implementation.

## Sub-Themes :

- Environmental issues and its impact on Agriculture in India
- Issues in Sustainable Agriculture
- Alternative Energy Resources in Indian Agriculture
- Agricultural Transformation for employment and growth
- Sustainable rural development dimensions and practices: Case studies-Rural poverty & Unemployment.
- Linkage between Population and Environment
- Sustainability and Food Security
- Sustainable Agriculture –Irrigation, Cropping Pattern and Crop Productivity
- Environmental Pollution – Global Warming, Depletion of Ozone Layer, Water Pollution, Air Pollution
- Bio-Diversity and Sustainable Development
- Environment, Displacement and Development
- Programmes related to sustainable Agriculture Development.