

## **MODEL NURSERY UNIT**

Development is index of growth. Agrarian country's development is in its rural roots. India is an agrarian country. Institutions play a major role in the economic development by determining the framework for economic change. Karnataka State Rural Development and Panchayat Raj University, Gadag centred its Vision, Mission, objectives and functions towards transformation of rural society by imparting education through sustainable development.

Biodiversity conservation, soil fertility and renewable energy resource management, seed banks, custom hire services, Bio-village resource centres of learning, Bio-fuel and energy, organic farming, agroforestry, fodder banks, traditional herbal medicines, foods, health and nutritional aspects, integrated farming approach (Agri-Livestock-Horti-Silvi-Seri, etc.), processing and value addition (Secondary agriculture) and linking farmers produce and products to multilevel markets are for the opportunities to accomplish by the university. The Agriculture Policy with aim of doubling farmer's income is to promote farmers' welfare, reduce agrarian distress and bring parity in the farmer's income has facilitated, emphasized, and encouraged the university to take up research extension activities, and trainings to work towards the farming community and rural development. Model Nursery Unit (Madari Sasya Shishupalana Kendra) is an initiative taken by the Karnataka State Rural Development and Panchayath Raj University with motive to make conserve the biodiversity, to have green and sustainable campus and to serve as model to all farmer friends. This kind of projects will encourage and boost up the budding entrepreneurs to look towards agriculture and various agro-based endeavours and help to attain self-reliance. This spurs the rural youths to take up business and become employable and earn good income.

The prime purpose of the project was to learn the farming activities by doing practically, by applying the theoretical concepts learn in the four walls of class room. This is to give field exposure and get hands on experience on the activities taken at agriculture land. Through this project students will be getting benefit of learning at ancient system learning through modern techniques. This will allow the students to become more creative, disciplined and focused. The staff will also experience the new teaching system with practical orientation. Working in collaboration and convergence with various institutions and organisations will provide an opportunities to have integration.

The model nursery unit is taken at 1.27 Acre of land in the premises of University. The soil available at the field is red soil which is well suited for the nursery establishment. The climatic conditions with normal precipitation and temperature are amicable to take up the nursery unit. In the nursery all kind of horticultural, ornamental, medicinal, forestry plantation of crops is taken. The nursery also has playhouse for developing more plantlets, vermicomposting unit to have organic manure to use for nursery and farm pond to meet the water requirement. In the mother orchard i.e. mother orchard propagation of the plants is taken.

Dr.Neelamma  
Coordinator

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## **IMAGE GLIMPSE OF MODEL NURSERY UNIT**



**Nursery Unit's Bhoomi Pooja on 19.06.2020**



**Seed Bed Preparation**



**Farm Pond**



**Polybags filled with plant cuttings**