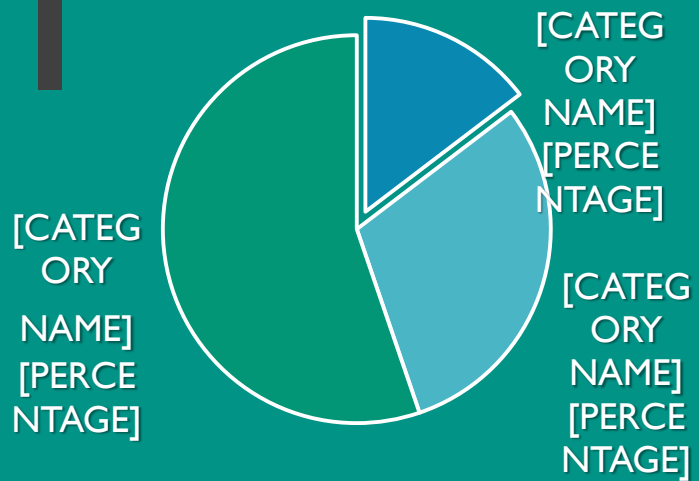




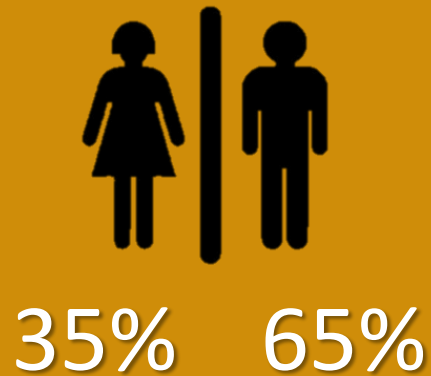
# AGRICULTURE AND RURAL TRANSFORMATION

*Transformational Perspective for India @ 75  
Policies, Institutions and Technologies*

## GVA Contribution to Economy



## Percentage of Workforce



# THIRUKKURAL

PEARLS OF INSPIRATION

உழுவார் உலகத்தார்க்கு ஆணிஅஃ தாற்றாது  
எழுவாரை எல்லாம் பொறுத்து.

कृषक , वशिव का केंद्र बढि है ।  
और जो कृषक नहीं है, वे उन पर नरिभर है ॥



# **POLICY:** Shift from Cereal Based Policies

## **NUTRI CEREALS**

**MSP  
PDS  
MDM**

- Assured Income
- Increase in Nutritional Status
- Better Resource use Efficiency

## **HIGH VALUE AGRICULTURE**

**Technology  
Training  
Infrastructure**

- Higher income
- Increase in Jobs
- Micro Entrepreneurs

## **AGRI ALLIED ACTIVITIES**

**Aquaculture  
Agroforestry  
Livestock**

- Increase in Export
- Value Addition
- Sustainable Income



Water use efficiency  
Less Soil erosion  
Enhanced Yield  
Green Manure Crops  
Crop Based Nutrient  
SHC Linked Fertilizer Subsidy

**Policy:  
Resource Use  
Efficiency**



ReMS, Karnataka  
Integrating more than 100  
APMCs across 27 districts

AI based Price Prediction  
Reduction in Transaction Cost  
Better private sector linkage  
Balance of Supply and Demand  
Higher returns to farmer  
Ware-housing & Holding capacity

**Policy:**  
**Market Reforms**  
**Unified E -Market**

# Institutions: *Drivers Of Policy*



**Rashtriya Krishi Council –  
Uniformity in Agri Policy**

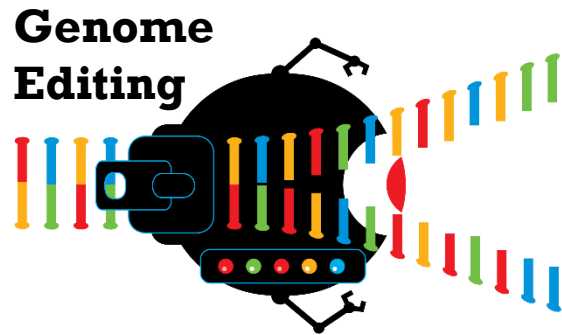


**Rajya Krishi Council  
State Agricultural University to  
include other disciplines**

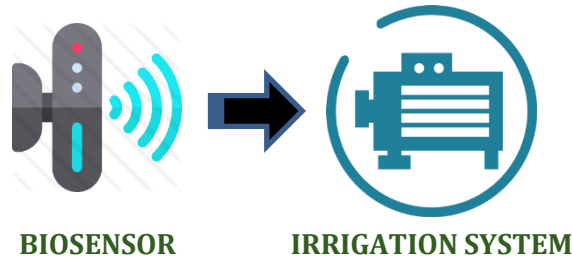


**Krishak Sabha to promote FPOs  
Kisan Gyan Rath  
Custom Hiring Centers**

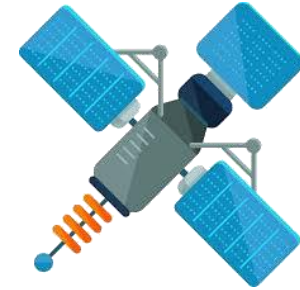
# Technology: *Leap Into The Future*



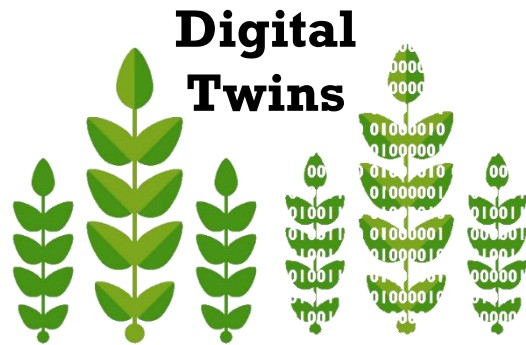
**BIOTECHNOLOGY**



**INTERNET OF THINGS**



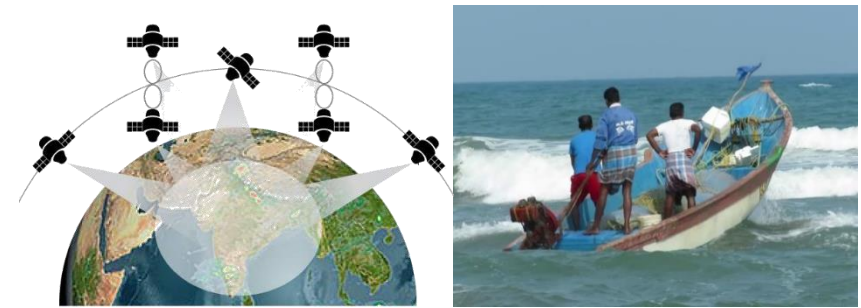
**SPACE TECHNOLOGY**



**NANO TRANSACTIONS**



**3D PRINTING**



**NAVIC aided Fishing**



# Technology: *Leap Into The Future*

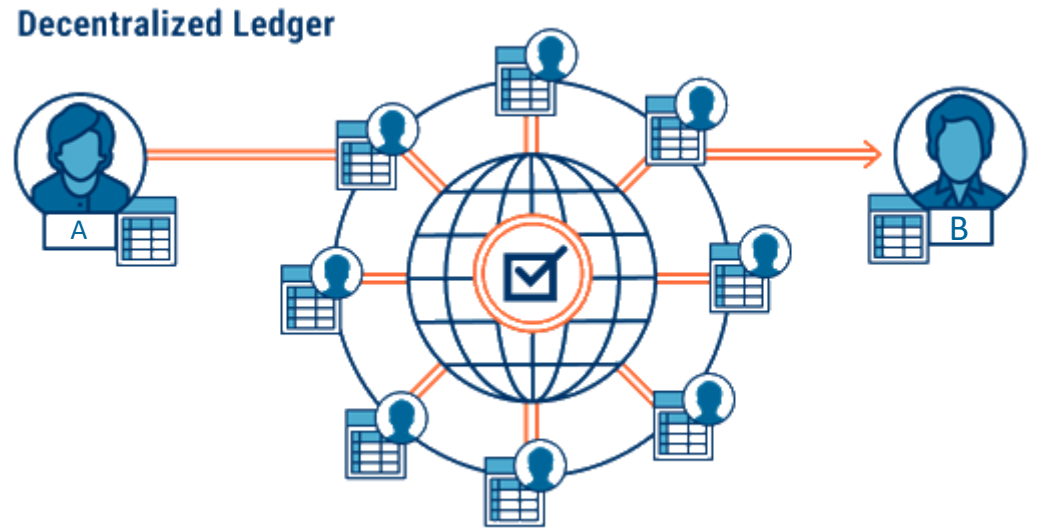
## Artificial Intelligence



**Apiculture**

**Yield Prediction**

## Blockchain Technology



**Agricultural Subsidies Oversight**



**Overseeing Farm Inventory**



**Enhancing Agricultural Supply Chains**

# CONCLUSION

कृषि है हमारी पहचान  
भारत की शान है किसान  
कृषक के उत्थान को  
अब है पी.एम.किसान

सिंचाई, कर्ज और ज़मीन  
प्रौद्योगिकी आ रही नित नवीन

बनानी होंगी नई योजनाएं  
जिससे किसान अधिक से अधिक लाभ पाएं

सतत प्रयासों से बढ़ेगी उनकी आमदनी  
संकल्प से संभव है हो जाए ये दोगनी

कृषि है हमारी पहचान  
भारत की शान है किसान।