



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

*Agri*search with a human touch

UNNAT BHARAT ABHIYAN

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Unnat Bharat Abhiyan for Agricultural Sectors

Transformational change in agriculture & animal husbandry

Connecting SAUs & ICAR Institutes with local communities to address developmental challenges in Agricultural sciences

Accelerating sustainable growth in agriculture

Providing knowledge and practices for emerging professional Agriculture for skill development

Upgrade the capabilities of public and private sectors



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ICAR: Coordinating Institute for Agriculture and Animal Husbandry

To implement the objectives of UBA -it is proposed:

- Capacity building through AUs, ICAR Institutes and KVKs
- Need based and the region specific training programmes for skill development
- Demonstrating income generating modules viz., Apiary, Mushroom, Seed Processing, Soil testing, Poultry, Dairy, Goatry, Carp-hatchery, Vermi-compost, etc.
- Exposure Visits of farmers-to educate about latest technologies concerning production, protection, value addition, marketing, etc.
- Articulating Tradition, Technologies & Talent of farmers for federating them into business group



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Action Plan

i. Training programmes : for farmers

Sl. No.	Particulars	Unit Cost	Total Cost of one program
1	Boarding/lodging	Rs.250/persons x 3 days x 30 persons	Rs. 22500/-
2	Travel Allowance	Rs. 250/person x 30 persons	Rs.7500/-
3	Support to the coordinator(lecture notes, contingencies secretarial assistance)	Rs. 25,000/program	Rs.25,000/-
4	Honorium for Resource Persons	Rs.6,000/program	Rs.6000/-
5	Total for one program		Rs.61,000/-
6	Total for 80 programs (Rs 61,000x800)		Rs. 488,00000/-

- Total number of KVKs to be associated: 80
- No. of Training Program for each KVK: 10
- Total Training Program= 800
- Farmers per Batch= 30
- Total Farmers to be trained= 24000
- Duration of Program= 1 week (6 days)
- Total expenditure = Rs.488.00 Lakhs



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ii Training programme: for Master trainers/students undergoing RAWE programme/ Unemployed Youth in the village

Sl. No.	Particulars	Unit cost	Total cost of one programme
1	Boarding/lodging	250/person x 6 days x 30 persons	Rs. 45,000/-
2	Travel Allowance	250/person x 30 persons	Rs. 7500/-
3	Support to the co-ordinator (lecture notes, contingencies secretarial assistance)	25,000/ programme	Rs. 25,000/-
4	Honorarium for Resource Persons	12,500/ programme	Rs. 12,500/-
5	Miscellaneous	10,000/-	Rs. 10,000/-
6	Total for one programme		Rs. 1,00,000/-
	Total for 730 programmes (Rs. 1,00,000/-x 730)		Rs. 730,00,000/-

- Total number of AUs : 73
- No. of Training Programmes for each University: 10
- Total Training Programmes: 730

- Trainees per Batch= 30
- Total Trainees = 21900
- Duration of Programme= 1 week (6 days)
- The total expenditure is Rs. 730.00 Lakhs

iii. Training programmes: Animal Production and Health

Sl. No.	Particulars	Unit cost	Total cost of one programme
1.	Boarding/lodging	250/person x 6 days x 30 persons	Rs. 45,000/-
2.	Travel Allowance	250/person x 30 persons	Rs. 7500/-
3.	Support to the co-ordinator (lecture notes, contingencies secretarial assistance)	25,000/ programme	Rs. 25,000/-
4.	Honorarium for Resource Persons	12,500/ programme	Rs. 12,500/-
5.	Miscellaneous	10,000/-	Rs. 10,000/-
6.	Total for one programme		Rs. 1,00,000/-
7.	Total for 79 programmes (Rs. 1,00,000/-x 79)		Rs. 79,00,000/-

- Total number of ICAR Institute involved: 5
- Total Training Programmes= 79
- Trainees per Batch= 30
- Total trainees= 2430
- Duration of Programme= 1 week (6 days)
- The total expenditure is Rs. 79.00 lakhs

Exposure Visits: Farmers

➤ 80 Exposure Visits each with 40 farmers: proposed

Sl. No.	Particulars	Unit Cost	Total Cost (each program)
1	Transport by Bus	Rs.25000	Rs. 25000/-
2	Boarding/lodging	Rs.250/persons x 2 days 40 persons	Rs. 20,000/-
3	Total for one program		Rs. 45,000/-
4	Total for 80 programs		Rs. 36,00000/-

Demonstration of Income Generating Modules



Demonstrating various income generating modules viz mushroom cultivation, honeybee production, vermicomposting, production of bio-agents, value addition to agricultural, horticultural and dairy products, cocoon production, etc. will be undertaken.



Demonstrating proven technologies for enhancing production potential, improving soil health, subsurface drainage system, farm waste recycling, etc. in the farmers field through KVKs.



Each KVK proposed to be provided with a budget of Rs. 2.00 Lakhs to conduct demonstrations

80 KVKs @ Rs. 2.00 Lakh/KVK= Rs 160.00 Lakhs.

Total Expenditure

Sl. No.	Program	Cost in lakhs
A.	Training programmes	
i.	To the farmers	Rs. 488.00
ii.	To the Master trainers/ students undergoing RAWE programme/ Unemployed Youth in the village	Rs. 730.00
iii.	In the area of animal production and health for skill upgradation.	Rs. 79.00
Total A		Rs. 1297.00
B.	Exposure Visit of farmers	Rs. 36.00
C.	Demonstration of Income Generating Modules	Rs. 160.00
Grand Total A+B+C		Rs. 1493

Implementation

- ❖ Identification of the AUs/Institutes/KVKs to represent agro-climatic zones and different states
- ❖ Due weightage to remote areas including North-Eastern region
- ❖ Training programmes proposed are based on local needs, expertise available and the facilities including lab and lecture hall facilities, accommodation and transport
- ❖ Nomination of Co-ordinator by Universities
- ❖ A detailed action plan to be formulated



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The proposed programme would help in the capacity building of the farmers, stakeholders and master trainers in different areas of Agriculture and Animal Husbandry to achieve the objectives of UBA in up-liftment of rural economy and the livelihood of farming community.



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List of proposed Training programmes

AGRICULTURE MECHANISATION

- Hand, animal drawn and power operated implements & tools
- Training for custom hiring centres
- Farm machines and equipment : repair and maintenance
- Mechanization for on farm application
- Mechanisation for horticulture crops
- Tractor and its overhauling

COOPERATIVES

- Fertilizer distribution
- Farm input dealer training



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CROP DEVELOPMENT

- Paddy production
- Wheat production
- Coarse cereals production
- Oilseeds & pulses production
- Sugarcane production
- Cotton production
- Integrated farming system

EXTENSION

- Training/Study Tour For Farmers
- Management Of Kvks/Knowledge Centres
- New Approaches To Extension education
- Infrastructure For New And Frontier Areas of Agriculture
- Arya, Mera Goan Mera Gaurav, Farmer First

FERTILISERS AND INM

- Soil testing lab
- Fertiliser labs
- Micro-nutrients labs
- Soil health cards and soil testing



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HORTICULTURE

- Nurseries & green houses
- Development of horticulture farms
- Land-scaping and area expansion
- Floriculture production
- Vegetables production
- Fruits production
- Coconut production
- Tissue culture management

INFORMATION TECHNOLOGY

- Development of ict facilities
- ICT enabled agriculture
- E-sensors and micro processed based tools
- AI and robotics
- ICT for weather forecasting

INTEGRATED PEST MANAGEMENT

- IPM labs
- Pest surveillance and management
- Promotion of IPM
- Farmers field schools

MARKETING & POST HARVEST MANAGEMENT

- **Godowns & warehouses management**
- **Setting up/strengthening of market infrastructure**
- **Cold storages & cold chains development**
- **Processing and value addition in milk, cereals and pulses, horticulture products etc.**

MICRO/MINOR IRRIGATION

- **Farm ponds**
- **Sprinkler & drip irrigation**
- **Techniques for canopy under canopy**

NATURAL RESOURCE MANAGEMENT

- **Water conservation structures & watershed development**
- **Soil treatment techniques (acidic, alkali, waterlogged)**
- **Land reclamation techniques**



NON FARM ACTIVITIES

- Agri business centres
- Post harvest processing facilities

ORGANIC FARMING / BIO FERTILISER

- Promotion of Bio-Fertilisers and Organic farming
- Vermi Composting
- Waste Recycling And Resouces Recovery System

SEED & PLANTING MATERIAL

- Seed Testing Labs
- Seed Processing Centres & Seed Storage
- Seed Production is selected crops
- Seed Certification



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SERICULTURE

- Cocoon Production

INNOVATIVE PROGRAMMES

- Conservation Agriculture
- Secondary Agriculture
- Precision Agriculture
- Hi-Tech Agriculture
- Speciality Agriculture
- Aeroponic
- Hydroponic
- Mushroom Production

RENEWABLE ENERGY SOURCES

- Solar Energy Devices
- Solar Tunnel Dryer
- Solar Refrigeration and Air-Conditioning (Absorption Cycle With Liquid Absorbents, Absorption Cycle With Solid Absorbents, Absorption Cycle With Solid Absorbents, Vapors Compression Cycle And Natural Passive Cooling)
- Solar Greenhouse Technology (Attached Type, Free Standing & Pit Type (Winter And Summer Green House).
- Biomass Production, Densification And Pyrolysis
- Biomass Gasification and Application



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ANIMAL SCIENCE

- **Management of infertility and other reproductive disorders in bovines**
- **Cattle and Buffalo Calf and Heifer Rearing**
- **Composite dairy products, health foods and Indigenous dairy products and their chemical & microbiological aspects of quality and safety monitoring**
- **Feed resources and ration balancing for dairy cattle**
- **Value addition of feed and fodder for dairy cattle**
- **Udder care and mastitis control**
- **Managing Backyard Poultry in a Bio-secured Manner**
- **Poultry Hatchery Operation**
- **Broiler Production**
- **Guinea Fowl Production**
- **Layer Production**
- **Poultry Diseases & Bio-security Measures**
- **Poultry Entrepreneurial Development & Project Formulation**
- **Poultry Feeding & Quality Control**
- **Poultry Processing & Products Technology**
- **Backyard Poultry Farming**
- **Turkey Production**



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Thanks