

Sant Gadge Baba



Amravati University

Department of Lifelong Learning & Extension

Short Term Certificate Course

(3 Month)

Syllabus

For

Certificate Course in Farm Manager

Unit I :

Management Skill

- 1) Group farming
- 2) Soil testing - Water analysis report
- 3) Cropping pattern on the basis of market survey
- 4) Seed Fertilizer and chemical purchases management
- 5) Planning for mix cropping
- 6) Green manuring (Boru / Dhaincha)
- 7) Labour Management
- 8) Crop harvesting and storage
- 9) Management of fodder crop for cattles.

Unit II :

Production Skill

- 1) Identification of crop and cultivation
 - a) Food grain - Tur, Udid, Mug, gram, Maize, Wheat, Jowar
 - b) Fiber Crop - Cotton
 - c) Oilseed - Soybean, Sunflower, Castor, Linseed, Sesamun
 - d) Tubers -Termaric, ginger, Potato, Sweet Patato

e) Vegetables - Tomato, Chilli, Spinach, Bitter Gourd, Cabbage

f) Floriculture - Marigold, Aster, Eubrose Rose

2) Shed net and green house

3) Forestry - Bamboo, Chandan, Nilgiri, Saag

4) Aromatic plant cultivation

Unit III:

Agrobased Business Skill

1) Cattle, Sheep and Poultry farming

2) Fodder / Silage preparation

3) First aid and treatment

4) Vaccination

5) Hydroponics, Farming

6) Fish farming / fish culture

7) Apiculture

8) Sericulture

9) Mushroom production/ Vermicomposting/ Pearl farming

Unit IV:

Harvesting and Storage Skill:

1. Crop harvesting and storage

2. Different harvesting instruments

3. Cold Storage

4. Ripening Chamber

5. Fruit Pulp extraction

Unit V:

Machinery Management:

- 1) Information of different
- 2) Tractor & infremant
- 3) Spraying Pumps.
- 4) Fodder cutting machinery
- 5) Electric motor starter
- 6) Information about modern machinery
- 7) Drip irrigation use and maintenance
- 8) Filter care and maintenance
- 9) Selection of laterds according to crops.
- 10) Care and management of laterals
- 11) Cold storage.

Unit VI:

Manage of Agricultural produce and Agriculture Economics.

- 1) Selling / Marketing skill
- 2) Export of Agree produce & their transport
- 3) Preparation of crop report.
- 4) Cash book and Accounting.
- 5) Cost Benefit ratio (Balance sheet)
- 6) Proper use of bank loan.
- 7) Agriculture produce morgues scheme