



Dr. Bhimrao Ambedkar University Agra
Department of Botany
School of Life Sciences, Khandari Campus

Value Added Course

Course name	Kitchen Garden
Course Code	BOT –VAC-01
Duration	30 hrs
Course Coordinator	Dr. R.K. Agnihotri (Professor)
Organized by	Department of Botany, School Of Life Sciences, Khandari Campus Agra

Program Specific Outcomes (PSO):

On completion of the course students will be able to:

- Learn how to prepare soil for seed sowing, seedling growth and seed germination.
- Learn to grow vegetables and herbs
- Provide technical support to other enthusiasts promote sustainable production and consumption

Course outcome (CO):

On completion of the course the student will be able to

- Design garden in limited space
- To Promote plantation of daily needs vegetables in own house.
- Grow organic herbs and vegetables for consumption

Course contents:

Unit I: Gardening tools, size of kitchen garden, purpose, kitchen garden site, preparation, containers

Unit II: Types of Soil, Loam, Soil pH, Water holding capacity, farmyard manure, vermicompost,

Unit III : Seed structure and types, seed viability, seed germination, nursery, transplanting, study of cultivation of different vegetables

Unit IV: Kitchen garden for herbs like coriander, holy basil, lemon grass recycling, production for self

Books: 1. Complete gardening in India - K. S. G. Gopalswami.

2. Vishnuswarup (1972- Garden flowers. National Book Trust, New Delhi.