



GOVERNMENT COLLEGE BARAN (RAJASTHAN)

VALUE ADDED COURSE

COURSE CODE-GCB/VAC/ VCM

CONTACT HOURS- 36

VERMICOMPOSTING

COURSE OBJECTIVES: Participants attain conceptual knowledge and basic requirement of vermicompost production. They learn the efficient utilization of organic waste and different ways to manage it. They understand the main motive of this course; attain self-sufficiency by readily available organic resources available.

COURSE OUTCOME: Students learn skills and abilities to run a small business, enhance agribusiness, utilization of organic waste by converting into manure for better productivity, learn the improvement of environment by recycling waste, role of vermicompost in maintain good quality of soil

EVALUATION- Class room presentation, Group Discussions/Quiz/ Oral Test-Viva.

CREDIT – 0

DISCIPLINE- OPEN TO ALL

COURSE CONTENT

MODULE I: Introduction of vermicomposting, history of production and development, availability of earthworms for different climate. Importance of Vermicomposting, its significance in present environmental conditions, Biology and classification of earthworms, species used in India and regionally for vermicomposting

MODULE II: Selection of site and physical requirement for vermicomposting unit, Methods and materials required for vermicomposting

MODULE III: Vermicomposting preparation and characteristics, Criterion for harvesting of Vermicompost
Harvesting method of mature vermicompost and earthworms.

MODULE IV: Management of vermicompost after the harvest, Essential precautions and necessary care during vermicomposting, Knowledge about nutrient content in Vermicompost

MODULE V: Basic business activities for small enterprises/ set up, understanding financial aspects related to vermicomposting, use of vermicompost and its cost analysis.

REFERENCES: