

B.Tech Agricultural Engineering

SEMESTER I	SEMESTER II
Engineering Mathematics	Engineering Mathematics II
Engineering Physics	Engineering Mechanics
Engineering Chemistry	Theory of Machines
Basic Electronics and Electrical Engineering	Introduction of Computer Programming
Technical English Communication	Elements of Mechanical and Civil Engineering
Physics and Chemistry Lab	Engineering Drawing
Basic Electrical and Electronics Lab	Computer Programming Lab
Basic Electrical and Electronics Lab	Informational Technology

SEMESTER III	SEMESTER IV
Engineering Properties Of Biological Materials And Food Quality	Heat And Mass Transfer And Refrigeration And Air Condition
Soil And Fluid Mechanics	Soil And Water Conservation Structure
Engineering Mathematics III	Crop Processing And Drying And Structure
Farm Power And Renewable Energy Sources	Crop Production Technology
Mechanics Lab	Heat And Mass Transfer And Refrigeration And Air Condition Lab
Strength Of Material And Design Of Structures Lab	Soil And Water Conservation Structure Lab
Farm Power And Renewable Energy Sources Lab	Crop Processing And Drying And Structure Lab

SEMESTER V	SEMESTER VI
Machines Drawing And Machines Design	Irrigation And Drainage Engineering
Electrical Machines And Power Utilization	Tractor Systems And Control
Farm Machinery And Equipment	Dairy And Food Engineering
Ground Water Wells And Pumps	Field Operation And Maintenance Of Tractor And Farm Machinery Lab
Watershed Hydrology	Irrigation And Drainage Engineering Lab
Machines Drawing And Machines Design Lab	Dairy And Food Engineering Lab
Farm Machinery And Equipment Lab	Environmental Studies

SEMESTER VII

Agricultural Structures And Environment Control

Agribusiness Management And Entrepreneurship Development

Food Packaging Technology

Food Processing Plant Design And Layout

Field Visit & Seminar

SEMESTER VIII

Environment of Engineering

Design And Maintenance Of Greenhouse

Micro Irrigation System Design & Practical

Farm Power And Renewable Energy Sources

Project works

