

Agricultural Engineering

TRIMESTER WISE DISTRIBUTION OF COURSES

Course Code	Course Name	Credit-L	Credit-P
I-TRIMESTER			
AE510-2018	SOIL AND WATER CONSERVATION ENGINEERING	3	0
AE527-2018	OPERATIONS RESEARCH	3	0
AE528-2018	INSTRUMENTATION IN AGRICULTURAL ENGINEERING	2	1
AE531-2018	ENVIRONMENTAL ENGINEERING FOR PLANTS AND ANIMALS	3	0
AE555-2018	TESTING AND EVALUATION OF AGRICULTURAL EQUIPMENT	2	1
AE556-2018	IRRIGATION ENGINEERING FUNDAMENTALS	2	1
AE616-2018	PRODUCTION TECHNOLOGY	2	1
AE621-2018	GROUNDWATER DEVELOPMENT AND MANAGEMENT TECHNOLOGY	2	1
AE622-2018	OPEN CHANNEL HYDRAULICS	3	1
AE623-2018	SOIL MECHANICS	3	1
AE627-2018	FLUID MECHANICS	3	1
AE630-2018	HEAT AND MASS TRANSFER	3	0
AE632-2018	DESIGN OF STORAGE STRUCTURES	1	1
AE691-2018	SEMINAR	1	0
II-TRIMESTER			
AE529-2018	SIMULATION MODELLING IN ENGINEERING SYSTEMS	2	0
AE609-2018	ERGONOMICS AND SAFETY IN AGRICULTURAL OPERATIONS	2	1
AE611-2018	POST HARVEST PROCESSING OF CEREALS, PULSES AND OIL SEEDS	3	1
AE614-2018	PRINCIPLES AND PRACTICALS OF FOOD HANDLING AND PACKAGING	2	1
AE615-2018	SOIL DYNAMICS IN TILLAGE AND TRACTION	2	1
AE619-2018	TRACTOR SYSTEMS DESIGN	2	1
AE620-2018	GIS AND REMOTE SENSING FOR LAND WATER RESOURCE MANAGEMENT	2	1

AE625-2018	ADVANCED HYDROLOGY	3	1
AE626-2018	FARM DRAINAGE SYSTEM DESIGN	3	1
AE629-2018	IRRIGATION SYSTEM DESIGN	2	1
AE631-2018	DRYING AND DEHYDRATION	2	1
AE633-2018	DESIGN OF PROCESSING PLANTS	3	0
AE642-2018	FARM STRUCTURES AND ANIMAL HOUSING	2	0
AE645-2018	NUMERICAL METHODS IN FLUID FLOW AND HEAT TRANSFER	2	1
AE657-2018	COMPUTER AIDED ANALYSIS AND DESIGN OF FARM MACHINERY	2	1
AE659-2018	ENERGY CONSERVATION AND MANAGEMENT IN AGRICULTURE	2	0
AE691-2018	SEMINAR	1	0
III-TRIMESTER			
AGR016-2018	BASIC AGRICULTURAL ENGINEERING	1	1
AE530-2018	ENGINEERING PROPERTIES OF BIOLOGICAL MATERIALS	2	1
AE543-2018	SEED PROCESSING	2	1
AE554-2018	ADVANCED FOOD PROCESSING ENGINEERING	2	1
AE608-2018	RENEWABLE ENERGY CONVERSION SYSTEMS	2	1
AE610-2018	THEORY OF ELASTICITY AND STRESS ANALYSIS	3	0
AE618-2018	ADVANCED FARM MACHINERY DESIGN	2	1
AE628-2018	FLOW THROUGH POROUS MEDIA	2	1
AE634-2018	UNIT OPERATIONS IN AGRICULTURAL PROCESS ENGINEERING	3	0
AE652-2018	WATERSHED HYDROLOGY AND MANAGEMENT	2	1
AE653-2018	MODELLING IN INTEGRATED WATER RESOURCE MANAGEMENT	2	1
AE655-2018	ADVANCED GROUND WATER HYDRAULICS	3	0
AE656-2018	MACHINERY SYSTEMS FOR PRECISION AGRICULTURE	2	1
AE691-2018	SEMINAR	1	0