



**COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY
JUNAGADH AGRICULTURAL UNIVERSITY, JUNAGADH**

**P.G. COURSES (BSMA) TIME TABLE OF M.TECH / PH.D. (AGRIL. ENGG.) FOR
SEMESTER - II (EVEN SEMESTER) ACADEMIC YEAR 2022-23 W.E.F. 19-04-2023**

Day Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
8.30 to 09.30	PFE-501 (VPS) SWCE-501 (PAP) SWCE-601 (HDR) REE-605 (MSD)	PFE-502 (VKC) SWCE-501 (PAP) FMPE-505 (PPG)	PFE-501 (VPS) SWCE-503 (HHM/HDR) REE-605 (MSD) FMPE-513 (RKK)	PFE-602 (VPS) PFE-504 (PRD) SWCE-503 (HHM/HDR) FMPE-505 (PPG)	PFE-602 (VPS) PFE-504 (PRD) SWCE-601 (HDR) IDE-502 (PBV)	Assignments Library Project work	
09.30 to 10.30	PFE-502 (VKC) IDE-515 (RJP) FMPE-504 (ALV) REE-509 (MJG)	PFE-503 (NKD) IDE-515 (RJP) FMPE-504 (ALV) REE-509 (MJG)	PFE-503 (NKD) IDE-501 (GVP) FMPE-601 (TDM) REE-505 (PMC)	IDE-501 (GVP) FMPE-601 (TDM) REE-505 (PMC) SWCE/IDE-507 (HVP)	PFE-505 (SPC) IDE-513 (HYM)		
10.30 to 10.40	R E C E S S						
10.40 to 11.40	PGS-504	PFE-505 (SPC) PFE-603 (MND) SWCE/IDE-507 (HVP)	SWCE-604 (HVP) REE-502 (MSD) ME-515 (NBP) PFE-505 (SPC)	FMPE-603 (RKK) REE-502 (MSD) IDE-513 (HYM)			
11.40 to 12.40		IDE-513 (HYM) FMPE-513 (RKK) ME-515 (NBP)	IDE-502 (PBV) FMPE-603 (RKK) REE-601 (PMC)	PGS-505 (SPC) PFE-603 (MND) REE-601 (PMC)	PGS-503 SWCE-604 (HVP)		
12.40 to 15.00	L U N C H B R E A K						
15.00 to 17.00 Practical	PFE-503 (NKD) PFE-603 (MND) SWCE-503 (HHM/HDR) FMPE-505 (PPG)	PFE-502 (VKC) SWCE-601 (HDR) IDE-515 (RJP) FMPE-504 (ALV) FMPE-601 (TDM)	PFE-501 (VPS) SWCE/IDE-507 (HVP) ME-515 (NBP) FMPE-603 (RKK) REE-509 (MJG)	PFE-504 (PRD) SWCE-604 (HVP) IDE-501 (GVP) FMPE-513 (RKK) REE-502 (MSD) REE-601 (PMC)	PFE-602 (VPS) IDE-502 (PBV) SWCE-501 (PAP) REE-505 (PMC) REE-605 (MSD)		

No. JAU/CAET/C-II/PG/2258-2222 /2023
Junagadh. Date: 20-04-2023

Principal and Dean
College of Agril Engg. Tech
JAU, Junagadh

Copy F.w.cs. to:

- The Director of Research & Dean, P.G. Studies, JAU, Junagadh.
- The Registrar, JAU, Junagadh.
- The Director of Extension Education, JAU, Junagadh.
- The Principal and Dean, College of Agriculture, JAU, Junagadh.
- The Principal, Post Graduate Institute of Agri-business Management, JAU, Junagadh.

Copy to:

- College Notice Board
- All HoDs in this college, (REE / PFE / FMPE / AEEE / SWE)
- All Concerned course teachers (through concerned dept.)
- Gymkhana Chairman / Rector / NSS officer / Student Council Cell / Skill Development & Start up Cell / T&P Cell/ Academic Convener (UG / PG) / PA & TA to Principal / AAO / Library in this college
- Director (IT), JAU, Junagadh
- Accreditation File
- All the PG Students (Through: Whatsapp)

**List of PG Courses offered for the Academic Year 2022-23 (Even Semester)
As per ICAR-BSMA**

Sr. No.	Course Title	Course No	Credit	Name of Teacher
Soil and Water Conservation Engineering				
1	Advanced Soil and Water Conservation Engineering	SWCE-501	3(2+1)	Dr. PA Pandya
2	Soil and Water Conservation Structures	SWCE-503	3(2+1)	Prof. HH Mashru Dr. HD Rank
3	GIS and Remote Sensing for Land and Water Resource Management	SWCE-507	3(2+1)	Dr. HV Parmar
4	Advances in Hydrology	SWCE-601	3(2+1)	Dr. HD Rank
5	Modeling Soil Erosion Processes and Sedimentation	SWCE-604	3(2+1)	Dr. HD Rank
Irrigation and Drainage Engineering				
1	Design of Surface Irrigation Systems	IDE-501	3(2+1)	Dr. GV Prajapati
2	Design of Farm Drainage Systems	IDE-502	3(2+1)	Prof. PB Vekariya
3	Remote Sensing and GIS for Land and Water Resource Management	IDE-507	3(2+1)	Dr. HV Parmar
4	Water Resources Systems Engineering	IDE-513	3(2+1)	Dr. HY Maheta
5	Sensing and Automation in Irrigation Systems	IDE-515	3(2+1)	Dr. RJ Patel
Farm Machinery and Power Engineering				
1	Design of Tractor Systems	FMPE-504	3(2+1)	Prof. AL Vadher
2	Design of Farm Machinery-I	FMPE-505	3(2+1)	Dr. PP Gajjar
3	Applied Instrumentation in Farm Machinery	FMPE-513	3(2+1)	Dr. RK Kathiria
4	Advances in Farm Machinery and Power Engineering	FMPE-601	3(2+1)	Dr. TD Mehta
5	Energy Conservation and Management in Production Agriculture	FMPE-603	3(2+1)	Dr. RK Kathiria
Processing and Food Engineering				
1	Transport Phenomena in Food Processing	PFE-501	3(2+1)	Dr. VP Sangani
2	Unit Operations in Food Process Engineering	PFE-502	3(2+1)	Dr. VK Chandegara
3	Field Crops Process Engineering	PFE-503	3(2+1)	Dr. NK Dhamsaniya
4	Horticultural Crops Process Engineering	PFE-504	3(2+1)	Dr. PR Davara
5	Storage Engineering and Handling of Agricultural Produce	PFE-505	3(2+1)	Dr. SP Cholera
6	Drying and Dehydration of Food Materials	PFE-602	3(2+1)	Dr. VP Sangani
7	Textural and Rheological Characteristics of Food Materials	PFE-603	3(2+1)	Dr. MN Dabhi
Renewable Energy Engineering				
1	Solar Thermal Energy Conversion Technologies	REE-502	3(2+1)	Dr. MS Dulawat
2	Wind Energy Conversion and Utilization	REE-505	3(2+1)	Dr. PM Chauhan
3	Biogas Technology and Mechanism	REE-509	3(2+1)	Prof. MJ Gojiya
4	Biochemical Conversion of Biomass	REE-601	3(2+1)	Dr. PM Chauhan
5	Fuel and Combustion	REE-605	3(2+1)	Dr. MS Dulawat
Supporting Courses				
1	Computer Aided Design	ME-515	3(2+1)	Prof. NB Parmar
Non-Gradial Common Courses				
1	Intellectual Property and its Management in Agriculture	PGS-503	1(1+0)	
2	Basic Concepts in Laboratory Techniques	PGS-504	1(0+1)	
3	Agricultural Research, Research Ethics and Rural Development Programmes	PGS-505	1(1+0)	Dr. SP Cholera