

PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 3 of DIPLOMA IN AGRICULTURAL ENGINEERING

							Examination Pattern						Full Marks For			FULL MARKS	Credits	Page No.	
					contact period per week		Internal assessment(for theoretical sub)			External assessment (for theoretical sub)			THEORETICAL SUBJECT	Sessional subjects					
SI No	SUBJECT	Subject code	Question code	Packet code	lecture	sessional	Mid Semester Exam(CT)	TA	Total internal	obj	SUBj	Marks allotted For ESE		TW	PR				total
THEORITICAL																			
1	Basic soil Science				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
2	Surveying & Levelling				4	--	20	10	30	20	50	70	100	--	--	--	100	3	
3	Agricultural Process Engineering				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
4	Thermodynamics & Heat Transfer Process				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
5	Environmental Engineering				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
6	Hydraulics				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
SESSIONAL																			
6	Basic Soil Science Lab.				--	6	--	--	--	--	--	--	--	50	50	100	100	2	
7	Field survey practice				--	6	--	--	--	--	--	--	--	50	50	100	100	2	
8	Agricultural Process Engineering Lab.				--	3	--	--	--	--	--	--	--	25	25	50	50	2	
9	Practical of Horticultural Crops Lab.				--	6	--	--	--	--	--	--	--	50	50	50	100	2	
TOTAL					19	21	120	60	180	120	300	420	600	150	150	300	900	26	

Student contact hour per week is 31 hour.

Theory and Practical classes will be of 1(one) hour duration.

List of abbreviation used: CT – class test; TA - Teacher's Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)

Obj: objective Subj - Subjective Minimum passing marks for Theoretical and Sessional subjects will be 40%

All other rules and regulations for assessment of practical and term work will be carried out as per prevailing norms

NO QUESTION SHOULD START WITH “WHY” OR ASKS FOR “ GIVING OR CITING REASONS”

TW – Term work (to be evaluated by a board of departmental teachers) PR- Practical (to be evaluated by external teachers)

PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 4 of DIPLOMA IN ARRIGULTURAL ENGINNERING																			
							Examination Pattern						Full Marks For			FULL MARKS	Credits	Page No.	
					contact period per week		Internal assessment(for theoretical sub			External assessment (for theoretical sub)			Theoretical subject	Sessional subjects					
SL no	SUBJECT	Subject code	Question code	Packet code	lecture	sessional	Mid Semester Exam(CT)	TA	Total internal	objective	Subjective	Marks allotted For ESE		TW	PR				Total
THEORITICAL																			
1	Principles Of Agronomy				4	--	20	10	30	20	50	70	100	--	--	--	100	3	
2	Dairy & Food Products Technology				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
3	Ground Water, Wells & Pumps				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
4	Soil Mechanics				4	--	20	10	30	20	50	70	100	--	--	--	100	3	
5	PHE Of Horticultural Crops				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
6	Agricultural Economics & Farm Management				3	--	20	10	30	20	50	70	100	--	--	--	100	3	
SESSIONAL																			
7	Principles Of Agronomy Lab.				--	4	--	--	--	--	--	--	--	50	50	100	100	2	
8	Dairy & Food Products Technology Lab.				--	4	--	--	--	--	--	--	--	50	50	100	100	2	
9	Ground Water, Wells & Pumps Lab.				--	3	--	--	--	--	--	--	--	25	25	50	50	2	
10	Soil Mechanics Lab.				--	4	--	--	--	--	--	--	--	25	25	50	50	2	
11	PHE Of Horticultural Crops Lab.				--	3	--	--	--	--	--	--	--	25	25	50	50	2	
TOTAL					20	18	120	60	180	120	300	420	600	200	200	350	950	28	

Student contact hour per week is 31 hour.

Theory and Practical classes will be of 1(one) hour duration.

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PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 5 of DIPLOMA IN AGRICULTURAL ENGINEERING

							Examination Pattern						Full Marks For			FULL MARKS	Credits	Page No.
					contact period per week		Internal assessment(for theoretical sub			External assessment (for theoretical sub)			Sessional subjects					
SL no	SUBJECT	Subject code	Question code	Packet code	lecture	sessional	Mid Semester Exam(CT)	TA	Total internal	objective	Subjective	Marks allotted For ESE	Theoretical subject	TW	PR			
THEORITICAL																		
1	Irrigation & Drainage Engineering				4	--	20	10	30	20	50	70	100	--	--	--	100	3
2	Agricultural Waste Utilization				2	--	10	5	15	10	25	35	50	--	--	--	50	2
3	Farm Power				4	--	20	10	30	20	50	70	100	--	--	--	100	3
4	Seed Processing Technology				3	--	20	10	30	20	50	70	100	--	--	--	100	3
5	Refrigeration And Air Conditioning				3	--	20	10	30	20	50	70	100	--	--	--	100	3
6	Soil And Water Conservation				2	--	10	5	15	10	25	35	50	--	--	--	50	2
7	Elective - I				4	--	20	10	30	20	10	70	100	--	--	--	100	3
SESSIONAL																		
8	Agricultural Waste Utilization Lab.				--	4	--	--	--	--	--	--	--	25	25	50	50	2
9	Seed Processing Technology Lab.				--	4	--	--	--	--	--	--	--	25	25	50	50	2
10	Farm Power And Agricultural Tractors And Machineries Lab.				--	6	--	--	--	--	--	--	--	50	50	100	100	2
TOTAL					22	14	120	60	180	120	260	420	600	100	100	200	800	25

Student contact hour per week is 31 hour.

Theory and Practical classes will be of 1(one) hour duration.

List of abbreviation used: CT – class test; TA - Teacher's Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)

Obj: objective Subj - Subjective Minimum passing marks for Theoretical and Sessional subjects will be 40%

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PROPOSED CURRICULUM STRUCTURE FOR THE SEMESTER 6 of DIPLOMA IN AGRICULTURAL ENGINEERING

								Examination Pattern						Full Marks For			FULL MARKS	Credits	Page No.
					contact period per week		Internal assessment(for theoretical sub			External assessment (for theoretical sub)			Sessional subjects						
SL No	SUBJECT	Subject code	Question code	Packet code	lecture	sessional	Mid Semester Exam(CT)	TA	Total internal	objective	Subjective	Marks allotted For ESE	Theoretical subject	TW	PR	Total			
THEORITICAL																			
1	Handling, Packaging and Storage of Agricultural Products				2	--	10	5	15	10	25	35	50	--	--	--	50	2	
2	Renewable Energy Sources				2	--	10	5	15	10	25	35	50	--	--	--	50	2	
3	Farm Machinery & Equipments				4	--	20	10	30	20	50	70	100	--	--	--	100	3	
4	Water shed and hydrology				2	--	10	5	15	10	25	35	50	--	--	--	50	2	
5	Elective - II				4	--	20	10	30	20	10	70	100	--	--	--	100	3	
SESSIONAL																			
6	Handling, packaging & storage Lab.				--	3	--	--	--	--	--	--	--	25	25	50	50	2	
7	Renewable Energy Sources Lab.				--	3	--	--	--	--	--	--	--	25	25	50	50	2	
8	Farm Machinery & Equipment Lab.				--	3	--	--	--	--	--	--	--	25	25	50	50	2	
9	Project work				--	6	--	--	--	--	--	--	--	50	50	100	100	1	
10	Seminar on Project				--	3	--	--	--	--	--	--	--	25	25	50	50	1	
11	Comprehensive Viva				--	--	--	--	--	--	--	--	--	50	50	100	100	1	
TOTAL					14	18	70	35	105	70	135	245	350	200	200	400	750	21	

Student contact hour per week is 31 hour.

Theory and Practical classes will be of 1(one) hour duration.

List of abbreviation used: CT – class test; TA - Teacher's Assessment (Attendance & surprise quizzes = 6 marks ; Assignment & group discussion = 4 marks.)

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