



**MAHARISHI MARKANDESWAR UNIVERSITY
SADOPUR- AMBALA**

**Name of the Discipline: B.Sc.(Hons)Agriculture: July 2018
onwards)**

Scheme and Syllabus (Batch 2018-onwards)

VII Semester

S.No.	Activities	No. of weeks	Credit Hours
Rural Agricultural Work Experience and Agro-industrial Attachment (RAWE & AIA)			
1	General orientation & On campus training by different faculties	1	14
2	Village attachment	8	
3	Unit attachment in Univ./ College. KVK/ Research Station Attachment	5	
4	Plant clinic	2	02
5	Agro-Industrial Attachment	3	04
6	Project Report Preparation, Presentation and Evaluation	1	
Total weeks for RAWE & AIA		20	20

y **Agro- Industrial Attachment:** The students would be attached with the agro-industries for a period of 3 weeks to get an experience of the industrial environment and working.

y Educational tour will be conducted in break between IV & V Semester or VI & VII Semester

RAWE Component-I

Village Attachment Training Programme

Sl.No.	Activity	Duration
1	Orientation and Survey of Village	1 week
2	Agronomical Interventions	1 week
3	Plant Protection Interventions	1 week
4	Soil Improvement Interventions (Soil sampling and testing)	1 week
5	Fruit and Vegetable production interventions	1 week
6	Food Processing and Storage interventions	
7	Animal Production Interventions	1 week
8	Extension and Transfer of Technology activities	1 week

RAWE Component -II

Agro Industrial Attachment

- y Students shall be placed in Agro-and Cottage industries and Commodities Boards for 03 weeks.
- y Industries include Seed/Sapling production, Pesticides-insecticides, Postharvest-processing- value addition, Agri-finance institutions, etc.

Activities and Tasks during Agro-Industrial Attachment Programme

- y Acquaintance with industry and staff
- y Study of structure, functioning, objective and mandates of the industry
- y Study of various processing units and hands-on trainings under supervision of industry staff
- y Ethics of industry
- y Employment generated by the industry
- y Contribution of the industry promoting environment
- y Learning business network including outlets of the industry
- y Skill development in all crucial tasks of the industry
- y Documentation of the activities and task performed by the students
- y Performance evaluation, appraisal and ranking of students

Modules for Skill Development and Entrepreneurship: A student has to register 20 credits opting for two modules of (0+10) credits each (total 20 credits) from the package of modules in the **VIII semester**.

Experiential Learning Program (ELP)/ Hands on Training (HOT) modules

Sl.No.	Title of the module	Credits
1	Production Technology for Bioagents and Biofertilizer	0+10
2	Seed Production and Technology	0+10
3	Mushroom Cultivation Technology	0+10
4	Soil, Plant, Water and Seed Testing	0+10
5	Commercial Beekeeping	0+10
6	Poultry Production Technology	0+10
7	Commercial Horticulture	0+10
8	Floriculture and Landscaping	0+10
9	Food Processing	0+10
10	Agriculture Waste Management	0+10
11	Organic Production Technology	0+10
12	Commercial Sericulture	0+10

NOTE: In addition to above ELP modules other important modules may be given to the students by SAUs

Evaluation of Experiential Learning Programme/HOT

S.No.	Parameters	Max. Marks
1.	Project Planning and Writing	10
2.	Presentation	10
3.	Regularity	10
4.	Monthly Assessment	10
5.	Output delivery	10
6.	Technical Skill Development	10
7.	Entrepreneurship Skills	10
8.	Business networking skills	10
9.	Report Writing Skills	10
10.	Final Presentation	10
	Total	100

1. Examination

- Courses with Theory and Practical
Internal Theory (40%) + External Theory (60%) and Internal Practical (50%) + External Practical (50%)
- Courses with only Theory
Internal Theory (40%) + External Theory (60%)
- Courses with only Practical: Internal Practical (50%) + External Practical (50%)

y Paper to be set by external: HOD shall ensure the coverage of syllabus.

If needed moderation can be done.

y Evaluation to be done internally by the faculty other than the Course Instructor. Syllabus of the concerned course shall be sent to the external examiner, who shall prepare the question papers. For practical, it is recommended that examination shall be conducted by course instructor(s) and one teacher nominated by HOD.

2. Evaluation

Degree	Percentage of Marks Obtained	Conversion into Points
All	100	10 Points
	90 to <100	9 to <10
	80 to <90	8 to <9
	70 to <80	7 to <8
	60 to <70	6 to <7
	50 to <60	5 to <6
	<50 (Fail)	<5
	Eg. 80.76	8.076
	43.60	4.360
	72.50 (but shortage in attendance)	Fail (1 point)

OGPA	Division
5.000 – 5.999	Pass
6.000 – 6.999	II division
7.000 – 7.999	I division
8.000 and above	I division with distinction

GPA = Total points scored / Total credits (for 1 semester)

CGPA = \sum Total points scored / Course credits

OGPA = \sum Total points scored (after excluding failure points) / Course credits

% of Marks = OGPA \times 100/10

Elective Courses: A student can select three elective courses out of the following and offer during 4th, 5th and 6th semesters.

S.N.	Courses	Credit Hours
1	Agribusiness Management	3(2+1)
2	Agrochemicals	3(2+1)
3	Commercial Plant Breeding	3(1+2)
4	Landscaping	3(2+1)
5	Food Safety and Standards	3(2+1)

6	Biopesticides & Biofertilizers	3(2+1)
7	Protected Cultivation	3(2+1)
8	Micro propagation Technologies	3(1+2)
9	Hi-tech. Horticulture	3(2+1)
10	Weed Management	3(2+1)
11	System Simulation and Agro-advisory	3(2+1)
12	Agricultural Journalism	3(2+1)