

**MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
MULLANA-AMBALA, HARYANA (INDIA) - 133207**

(Established under Section 3 of the UGC Act, 1956)
(Accredited by NAAC with Grade 'A++')
DEPARTMENT/FACULTY OF AGRICULTURE

Ph: 0091-1731-274475-78
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Ref.No. DA(FA)/MM(DU)/2024/3003

Date: 15.07.2024

Minutes of the virtual/physical meeting of Board of Study in Agriculture for UG and PG Courses held on 12/07/2024 (Friday) at 11.00 a.m.

The following were present in the meeting:-

Sr. No	Name of Member	Designation	Institution	Member(External & Internal)
1.	Dr. R. K. Behl	Professor	Department of Agriculture	Internal Member
2.	Dr. M.K. Rana	Professor	Department of Agriculture	Internal Member
3.	Dr. Ram Singh	Professor	Department of Agriculture	Internal Member
4.	Dr. O.P Mehla	Professor	Department of Agriculture	Internal Member
5.	Dr. Ishwar Singh	Professor	Department of Agriculture	Internal Member
6.	Dr. Lokender Kashyap	Professor	Department of Agriculture	Internal Member
7.	Dr. Jagdeep Singh	Assistant Professor	Department of Agriculture	Internal Member
8.	Dr. Rattan Singh	Former Regional Director	CCS HAU, Rice Research Station, Kaul, Kurukshetra	External Member
9.	Dr. Suresh Rana	Principal Scientist (Horticulture)	IARI, Regional Research Station, Karnal	External Member
10.	Dr. Ridhima Arya	Assistant Professor	Department of Agriculture	Special Invitee

Dr. Devi Singh, Chairperson (BOS) welcomed all the members for attending the meeting of Board of Study in Department of Agriculture. Thereafter, the following items were discussed:-

2024/BOS Agenda /1 Confirming the minutes of previous BOS meeting dated 11.03.2024

The proceedings of the last BOS meeting were confirmed.

1. 2024/BOS Agenda /2 Approval the list of examiners for M. Sc Thesis (Agronomy) evaluation.

BOS considered the panel of M. Sc Thesis (Agronomy) the examiners and approves the same. It also authorizes the chairman to send the same to the authority.

2024/BOS Agenda /3 Approval the syllabus of B Sc (Hons) Chemistry of fifth semester for the session 2024-25 onwards.

BOS chairperson after deliberate discussion with BOS members, approved the syllabus of B Sc (Hons) Chemistry of fifth semester for the session 2024-25 onwards.

The meeting ended with vote of thanks to the Chair.

- CC: 1. All Members of the Adhoc Committee.
2. Dean Academic Affairs.
3. DR (Academic).


Director of Agriculture
Department of Agriculture
Maharishi Markandeshwar
(Deemed to be University),
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Ref.No. DA(FA)/MM(DU)/2025/3057

Date: 14.01.2025

Minutes of the meeting of Board of Study in Agriculture for UG and PG Courses held on 13/01/2025 (Monday) at 12.00 noon.

The following were present in the meeting:-

Sr. No	Name of Member	Designation	Institution	Member(External & Internal)
1.	Dr. R. K. Behl	Professor	Department of Agriculture	Internal Member
2.	Dr. M.K. Rana	Professor	Department of Agriculture	Internal Member
3.	Dr. Ram Singh	Professor	Department of Agriculture	Internal Member
4.	Dr. O.P Mehla	Professor	Department of Agriculture	Internal Member
5.	Dr. Ishwar Singh	Professor	Department of Agriculture	Internal Member
6.	Dr. Khushi Ram	Professor	Department of Agriculture	Internal Member
7.	Dr Lokender Kashyap	Professor	Department of Agriculture	Internal Member
8.	Dr N K Tiwari	Associate Professor	Department of Agriculture	Special Invitee
9.	Dr. Vikas Tomar	Assistant Professor	Department of Agriculture	Internal Member
10.	Dr. Jagdeep Singh	Assistant Professor	Department of Agriculture	Internal Member
11.	Dr Rindhima Arya	Assistant Professor	Department of Agriculture	Internal Member
12.	Dr. Rattan Singh	Former Regional Director	CCS HAU, Rice Research Station, Kaul, Kurukshetra	External Member
13.	Dr. Suresh Rana	Principal Scientist (Horticulture)	IARI, Regional Research Station, Karnal	External Member

Dr. Devi Singh, Chairperson (BOS) welcomed all the members for attending the meeting of Board of Study in Department of Agriculture. Thereafter, the following items were discussed:-

2025/BOS Agenda /1 Confirming the minutes of previous BOS meeting dated 12.07.2024.

The proceedings of the last BOS meeting were confirmed.

2025/BOS Agenda /2 To consider & approve the scheme and syllabi for B.Sc. (Hons.) Agriculture for 1st to 8th Sem. for batch 2025-26 as per NEP suggested by Sixth Dean's Committee.

BOS chairman after detailed deliberations resolved to recommend to Academic Council the scheme and syllabi of B.Sc. (Hons.) Agriculture for 1st to 8th Sem. for batch 2025-26 as per the details given in the agenda note. BOS members also suggested that there is a provision for exit programs in NEP. Therefore, the students opting for exit programs after the first (UG-Certificate) or second (UG-Diploma) year must complete 10 weeks of internship. The students opting for degree programs have to earn 10 credits non-gradual through online courses such as MOOCS/SWAYAM etc.

2025/BOS Agenda /3 To consider and approve the title of Ph D thesis, Agronomy Section and supervisor.

BOS chairperson after deliberate discussion with BOS members, the title of Ph D thesis, Agronomy Section and supervisor was approved. The details are given hereunder as


Sr. No.	Name	Roll No.	Title	Name of Supervisor / Co-supervisor
1.	Ms. Gurvinder Kaur	26227201	Effect of integrated nutrient management on plant growth, grain and straw yield and their attributes in wheat (<i>Triticum aestivum</i> L.) cultivars under normal and late sown conditions	Dr. Ishwar Singh
2.	Mr. Sahil	26227202	Effect of system of rapeseed intensification on growth, yield and quality of Gobhi sarson (<i>Brassica napus</i> L.) in Haryana region	Dr. Vikas Tomar
3.	Mr. Jag Mohan	26227203	Response of high yielding varieties of wheat (<i>Triticum aestivum</i> L.) to bio-stimulant and <i>Azotobacter</i>	Dr. Vikas Tomar
4.	Mr. Prince	26227204	Effect of varying levels of nitrogen applied through urea and nano-urea on growth, yield and quality of basmati rice (<i>Oryza sativa</i> L.)	Dr. Amit Dhankar
5.	Ms. Lovishpreet	26227205	Effect of varying levels of nitrogen and phosphorus in combination with <i>Rhizobium</i> in different varieties of mung bean (<i>Vigna radiata</i> L.) Wilczek	Dr. Ishwar Singh
6.	Mr. Rajbir Singh	26227206	Weed management effect in Sugarcane crop in North Haryana	Dr. Vikas Tomar
7.	Mr. Sanjeev Kumar	26237202	Performance of different wheat (<i>Triticum aestivum</i> L.) varieties under integrated nutrient management	Dr. Ishwar Singh

2025/BOS Agenda /4 To approve the Panel of paper setters-cum examiner for B.Sc. (Hons.) Agriculture for 1st to 7th Sem.

BOS considered the panel of examiners and approved the same. It also authorizes the chairman to send the same to the authority.

The meeting ended with vote of thanks to the Chair.

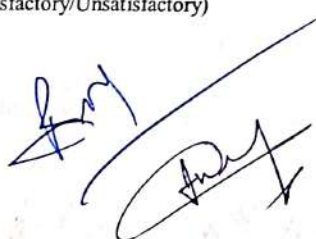
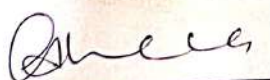
- CC: 1. All Members of the Adhoc Committee.
 2. Dean Academic Affairs.
 3. DR (Academic).


 Director CHAIRMAN
 Department of Agriculture
 Maharaja Ganga Singh University
 (Deemed to be University),
 Multan-Ambala, 133207, HR

Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. August, 2023)
Scheme and Syllabus (Session 2023-24 onwards)
Semester I

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks					Total
			L	T	P	Cr.	Theory		Practical			
							External	Internal	External	Internal		
1	HOR- 101	Fundamentals of Horticulture	1	0	2	2	60	40	40	60	200	
2	BCT-101A	Fundamentals of Plant Biochemistry & Biotechnology	2	0	2	3	60	40	40	60	200	
3	SOL- 101	Fundamentals of Soil Science	2	0	2	3	60	40	40	60	200	
4	FOR- 101	Introduction to Forestry	1	0	2	2	60	40	40	60	200	
5	ENG- 101	Comprehension & Communication Skills in English	1	0	2	2	60	40	40	60	200	
6	AGR- 101	Fundamentals of Agronomy	3	0	2	4	60	40	40	60	200	
7	BIO-101A/ MTH 101	Introductory Biology/	1	0	2	2	60	40	40	60	200	
		or Elementary Mathematics	2	0	0	2	60	40	-	-	100	
8	AGR- 103	Agricultural Heritage	1	0	0	1	60	40	-	-	100	
9	SOC- 101	Rural Sociology & Educational Psychology	2	0	0	2	60	40	-	-	100	
10	*HVE-101A	Human Values & Ethics	1	0	0	-	-	-	-	-	S/US	
11	*NSS/NCC -101	NSS/NCC	0	0	2	-	-	-	-	-	S/US	
TOTAL			15/16	0	16/14/21/21	540	360	280/240	420/360	1600/1500		

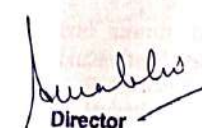
*Non credit course
S/US (Satisfactory/Unsatisfactory)



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Scheme and Syllabus (Session 2024-25 onwards)
Semester I

S.No.	Paper Code	Paper	Hrs/Week			Cr.	Examination Marks				Total
			L	T	P		Theory		Practical		
							External	Internal	External	Internal	
1	HOR- 101	Fundamentals of Horticulture	1	0	2	2	60	40	40	60	200
2	BCT-101A	Fundamentals of Plant Biochemistry & Biotechnology	3	0	2	4	60	40	40	60	200
3	SOIL- 101	Fundamentals of Soil Science	2	0	2	3	60	40	40	60	200
4	FOR- 101	Introduction to Forestry	1	0	2	2	60	40	40	60	200
5	ENG- 101	Comprehension & Communication Skills in English	1	0	2	2	60	40	40	60	200
6	AGRON-101	Fundamentals of Agronomy	3	0	2	4	60	40	40	60	200
7	BIO-101A / MTH 101	Introductory Biology/	1	0	2	2	60	40	40	60	200
		or Elementary Mathematics	2	0	0	2	60	40	-	-	100
8	AGRON-103	Agricultural Heritage	1	0	0	1	60	40	-	-	100
9	SOC- 101	Rural Sociology & Educational Psychology	2	0	0	2	60	40	-	-	100
10	*HVE-101A	Human Values & Ethics	1	0	0	-	-	-	-	-	S/US
11	*NSS/NCC -101	NSS/NCC	0	0	2	-	-	-	-	-	S/US
TOTAL			15/16	0	16/14	540	360	280/240	420/360	1600/1500	

*Non credit course
S/US (Satisfactory/Unsatisfactory)


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Scheme and Syllabus (Session 2023-24 onwards)

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	AGR 201	Crop Production Technology - I (Kharif Crops)	1	0	2	2	60	40	40	60	200
2	PBG 201	Fundamentals of Plant Breeding	2	0	2	3	60	40	40	60	200
3	AEC 201	Agriculture Finance and Co-operation	2	0	2	3	60	40	40	60	200
4	INF 201	Agri-informatics	1	0	2	2	60	40	40	60	200
5	AGE 201	Farm Machinery and Power	1	0	2	2	60	40	40	60	200
6	VPT 201A	Production Technology for Vegetables and Spices	1	0	2	2	60	40	40	60	200
7	EVS 201	Environmental Studies and Disaster Management	2	0	2	3	60	40	40	60	200
8	STT 201	Statistical Methods	1	0	2	2	60	40	40	60	200
9	LPM 201	Livestock and Poultry Management	3	0	2	4	60	40	40	60	200
		TOTAL	14	0	18	23	540	360	360	540	1800

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Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. July, 2024)
Scheme and Syllabus (Session 2024-25 onwards)

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	AGRON 201	Crop Production Technology - I (Kharif Crops)	1	0	2	2	60	40	40	60	200
2	PBG 201	Fundamentals of Plant Breeding	2	0	2	3	60	40	40	60	200
3	AEC 201	Agriculture Finance and Co-operation	2	0	2	3	60	40	40	60	200
4	INF 201	Agri-informatics	1	0	2	2	60	40	40	60	200
5	AGE 201	Farm Machinery and Power	1	0	2	2	60	40	40	60	200
6	VPT 201A	Production Technology for Vegetables and Spices	1	0	2	2	60	40	40	60	200
7	EVS 201	Environmental Studies and Disaster Management	2	0	2	3	60	40	40	60	200
8	STAT 201	Statistical Methods	1	0	2	2	60	40	40	60	200
9	LPM 201	Livestock and Poultry Management	3	0	2	4	60	40	40	60	200
		TOTAL	14	0	18	23	540	360	360	540	1800

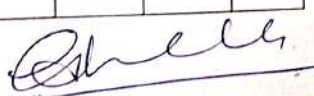
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Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. August, 2023)
Scheme and Syllabus (Session 2023-24 onwards)

Semester-IV

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	AGR 202	Crop Production Technology -II (Rabi Crops)	1	0	2	2	60	40	40	60	200
2	VPT 202	Production Technology for Ornamental Crops, MAP and Landscaping	1	0	2	2	60	40	40	60	200
3	AGE 202	Renewable Energy and Green Technology	1	0	2	2	60	40	40	60	200
4	SOL 202	Problematic Soils and their Management	2	0	0	2	60	40	-	-	100
5	HOR 202	Production Technology for Fruit and Plantation Crops	1	0	2	2	60	40	40	60	200
6	PBG 202	Principles of Seed Technology	1	0	4	3	60	40	40	60	200
7	AGR 204	Farming System & Sustainable Agriculture	1	0	0	1	60	40	-	-	100
8	AEC 202	Agricultural Marketing Trade & Prices	2	0	2	3	60	40	40	60	200
9	AGR 206	Introductory Agro-meteorology & Climate Change	1	0	2	2	60	40	40	60	200
10	ELEC-VIII	Elective Course (Micro propagation Technologies)	2	0	2	3	60	40	40	60	200
		TOTAL	13	0	18	22	600	400	320	480	1800


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Scheme and Syllabus (Session 2024-25 onwards)

Semester-IV

S. No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	AGRON 202	Crop Production Technology -II (Rabi Crops)	1	0	2	2	60	40	40	60	200
2	FLS 202	Production Technology for Ornamental Crops, MAP and Landscaping	1	0	2	2	60	40	40	60	200
3	AGE 202	Renewable Energy and Green Technology	1	0	2	2	60	40	40	60	200
4	SOIL 202	Problematic Soils and their Management	2	0	0	2	60	40	-	-	100
5	HOR 202	Production Technology for Fruit and Plantation Crops	1	0	2	2	60	40	40	60	200
6	PBG 202	Principles of Seed Technology	1	0	4	3	60	40	40	60	200
7	AGRON 204	Farming System & Sustainable Agriculture	1	0	0	1	60	40	-	-	100
8	AEC 202	Agricultural Marketing Trade & Prices	2	0	2	3	60	40	40	60	200
9	AGRON 206	Introductory Agro-meteorology & Climate Change	1	0	2	2	60	40	40	60	200
10	ELEC-VII Or ELEC-VIII Or ELEC-X	Elective Course: (Protected, Cultivation) Or (Micro propagation Technologies) Or Weed Management	2	0	2	3	60	40	40	60	200
		TOTAL	13	0	18	22	600	400	320	480	1800


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Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. August, 2023)
Scheme and Syllabus (Session 2023-24 onwards)
Semester-V

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	PATH 301	Principles of Integrated Pest & Disease Management	2	0	2	3	60	40	40	60	200
2	SOL 301	Manures, Fertilizers and Soil Fertility Management	2	0	2	3	60	40	40	60	200
3	ENT 301	Pests of Crops and Stored Grain and their Management	2	0	2	3	60	40	40	60	200
4	PATH 303	Diseases of Field and Horticultural Crops and their Management- I	2	0	2	3	60	40	40	60	200
5	PBG 301	Crop Improvement-I (Kharif Crops)	1	0	2	2	60	40	40	60	200
6	EXT 301	Entrepreneurship Development and Business Communication	1	0	2	2	60	40	40	60	200
7	AGR 301	Geoinformatics and Nano-technology and Precision Farming	1	0	2	2	60	40	40	60	200
8	AGR 303	Practical Crop Production - I (Kharif crops)	0	0	4	2	-	-	40	60	100
9	IPR 301	Intellectual Property Rights	1	0	0	1	60	40	-	-	100
10	ELEC III	Elective Course: Commercial Plant Breeding	2	0	2	3	60	40	40	60	200
		TOTAL	14	0	20	24	540	360	360	540	1800

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Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. July 2024)
Scheme and Syllabus (Session 2024-25 onwards)
Semester-V


S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	PATH 301	Principles of Integrated Pest & Disease Management	2	0	2	3	60	40	40	60	200
2	SOIL 301	Manures, Fertilizers and Soil Fertility Management	2	0	2	3	60	40	40	60	200
3	ENT 301	Pests of Crops and Stored Grain and their Management	2	0	2	3	60	40	40	60	200
4	PATH 303	Diseases of Field and Horticultural Crops and their Management- I	2	0	2	3	60	40	40	60	200
5	PBG 301	Crop Improvement-I (Kharif Crops)	1	0	2	2	60	40	40	60	200
6	EXT 301	Entrepreneurship Development and Business Communication	1	0	2	2	60	40	40	60	200
7	AGRON 301	Geoinformatics and Nano-technology and Precision Farming	1	0	2	2	60	40	40	60	200
8	AGRON 303	Practical Crop Production - I (Kharif crops)	0	0	4	2	-	-	40	60	100
9	IPR 301	Intellectual Property Rights	1	0	0	1	60	40	-	-	100
10	ELEC-II Or ELEC-III Or ELEC-V	Elective Course: Agrochemicals Or Commercial Plant Breeding Or Food Safety and Standards	2	0	2	3	60	40	40	60	200
		TOTAL	14	0	20	24	540	360	360	540	1800

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Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. August, 2023)
Scheme and Syllabus (Session 2023-24 onwards)
Semester-VI

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	AGR 302	Rainfed Agriculture & Watershed Management	1	0	2	2	60	40	40	60	200
2	AGE 302	Protected Cultivation and Secondary Agriculture	1	0	2	2	60	40	40	60	200
3	PATH 302	Diseases of Field and Horticultural Crops and their Management-II	2	0	2	3	60	40	40	60	200
4	HOR 302	Post-harvest Management and Value Addition of Fruits and Vegetables	1	0	2	2	60	40	40	60	200
5	ENT 302	Management of Beneficial Insects	1	0	2	2	60	40	40	60	200
6	PBG 302	Crop Improvement-II (Rabi crops)	1	0	2	2	60	40	40	60	200
7	AGR 304	Practical Crop Production -II (Rabi crops)	0	0	4	2	-	-	40	60	100
8	AGR 306	Principles of Organic Farming	1	0	2	2	60	40	40	60	200
9	AEC 302	Farm Management, Production & Resource Economics	1	0	2	2	60	40	40	60	200
10	FSN 302	Principles of Food Science and Nutrition	2	0	0	2	60	40	-	-	100
11	ELEC-VI	Elective Course: Biopesticides & Biofertilizers	2	0	2	3	60	40	40	60	200
TOTAL			13	0	22	24	600	400	400	600	2000


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Name of the Discipline: B.Sc. (Hons) Agriculture: w.e.f. July, 2024)
Scheme and Syllabus (Session 2024-25 onwards)
Semester-VI

S.No.	Paper Code	Paper	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
1	AGRON 302	Rainfed Agriculture & Watershed Management	1	0	2	2	60	40	40	60	200
2	AGE 302	Protected Cultivation and Secondary Agriculture	1	0	2	2	60	40	40	60	200
3	PATH 302	Diseases of Field and Horticultural Crops and their Management-II	2	0	2	3	60	40	40	60	200
4	HOR 302	Post-harvest Management and Value Addition of Fruits and Vegetables	1	0	2	2	60	40	40	60	200
5	ENT 302	Management of Beneficial Insects	1	0	2	2	60	40	40	60	200
6	PBG 302	Crop Improvement-II (Rabi crops)	1	0	2	2	60	40	40	60	200
7	AGRON 304	Practical Crop Production -II (Rabi crops)	0	0	4	2	-	-	40	60	100
8	AGRON 306	Principles of Organic Farming	1	0	2	2	60	40	40	60	200
9	AEC 302	Farm Management, Production & Resource Economics	1	0	2	2	60	40	40	60	200
10	FSN 302	Principles of Food Science and Nutrition	2	0	0	2	60	40	-	-	100
11	ELEC-I Or ELEC IV Or ELEC-VI	Elective Course: Agribusiness Management Or Landscaping Or Biopesticides & Biofertilizers	2	0	2	3	60	40	40	60	200
TOTAL			13	0	22	24	600	400	400	600	2000


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M. Sc., Agriculture in Entomology
(for Session 2022-23 onwards)
Semester I

Paper Code	Paper	Hours/Week				Examination Marks				
		L	T	P	Cr.	Theory		Practical		Total
						External	Internal	External	Internal	
Major Courses										
ENT 501	Insect Morphology	2	-	2	3	60	40	40	60	200
ENT 503	Insect Anatomy, Physiology and Nutrition	2	-	2	3	60	40	40	60	200
ENT 505	Classification of Insects	2	-	2	3	60	40	40	60	200
Supporting Courses										
COMP 501	Computer Fundamentals and Programming	2	-	2	3	60	40	40	60	200
Minor Courses										
PTH 507	Principles of Plant Disease Management	2	-	2	3	60	40	40	60	200
PTH 509	Diseases of Field and Medicinal Crops	2	-	2	3	60	40	40	60	200
Total		12		12	18	360	240	240	360	1200

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Director
Department of Agriculture
Maharishi Markandeshwar
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Mullana-Ambala, 133207, HR

M. Sc., Agriculture in Entomology
(for Session 2024-25 onwards)
Semester I

Paper Code	Paper	Hours/Week				Examination Marks				
		L	T	P	Cr.	Theory		Practical		Total
						External	Internal	External	Internal	
Major Courses										
ENT 501	Insect Morphology	2	-	2	3	60	40	40	60	200
ENT 503	Insect Anatomy, Physiology and Nutrition	2	-	2	3	60	40	40	60	200
ENT 505	Classification of Insects	2	-	2	3	60	40	40	60	200
Supporting Courses										
COMP 501	Computer Fundamentals and Programming	2	-	2	3	60	40	40	60	200
Minor Courses										
PATH 507	Principles of Plant Disease Management	2	-	2	3	60	40	40	60	200
PATH 509	Diseases of Field and Medicinal Crops	2	-	2	3	60	40	40	60	200
Total		12		12	18	360	240	240	360	1200

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SCHEME FOR M.Sc., Agriculture in Entomology
(for Session 2022-23 onwards)
Semester II

Paper Code	Paper	Hours/Week				Examination Marks				
		L	T	P	Cr.	Theory		Practical		Total
Major Courses										
ENT 502	Principles of Integrated Pest Management	2	-	2	3	60	40	40	60	200
ENT 504	Toxicology of Insecticides	2	-	2	3	60	40	40	60	200
ENT 506	Pests of Field and Horticultural Crops	2	-	2	3	60	40	40	60	200
ENT 591	Master's Seminar	1	-	-	1	-	100	-	-	100
Supporting Courses										
STAT 511	Statistical Methods for Applied Sciences	3	-	2	4	60	40	40	60	200
Minor Courses										
PTH 508	Insect Vectors of Plant Viruses and other Pathogens	2	-	2	3	60	40	40	60	200
Non Credit Courses*										
HVE 501	Human Values and Ethics	1	-	-	-	-	-	-	-	*(S/US)
Total		12	10	17		300	300	200	300	1100

Non credited course

*S/US (Satisfactory/Unsatisfactory)

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SCHEME FOR M.Sc., Agriculture in Entomology
(for Session 2024-25 onwards)
Semester II

Paper Code	Paper	Hours/Week				Examination Marks				
		L	T	P	Cr.	Theory		Practical		Total
Major Courses										
ENT 502	Principles of Integrated Pest Management	2	-	2	3	60	40	40	60	200
ENT 504	Toxicology of Insecticides	2	-	2	3	60	40	40	60	200
ENT 506	Pests of Field and Horticultural Crops	2	-	2	3	60	40	40	60	200
ENT 591	Master's Seminar	1	-	-	1	-	100	-	-	100
Supporting Courses										
STAT 511	Statistical Methods for Applied Sciences	3	-	2	4	60	40	40	60	200
Minor Courses										
PATH 508	Insect Vectors of Plant Viruses and other Pathogens	2	-	2	3	60	40	40	60	200
Non Credit Courses*										
HVE 501	Human Values and Ethics	1	-	-	-	-	-	-	-	*(S/US)
Total		12	10	17		300	300	200	300	1100

Non credited course

*S/US (Satisfactory/Unsatisfactory)

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Scheme of Ph. D. Course Work (w.e.f. Session 2022-23)

Ph. D. Agronomy

S.No.	Paper Code	Nomenclature	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
COMPULSORY PAPERS											
1	MP-01	Research Methodology	4	0	0	4	60	40	-	-	100
2	MP-02	Computer Applications	2	0	0	2	60	40	-	-	100
3	MP-03	Software Lab. (Based on MP - 01 & MP - 02)	0	0	2	1	-	-	40	60	100
4	MP-04	Seminar (1)	0	0	0	2	-	100	-	-	100
5		*Departmental Electives:	-	-	-	-	-	-	-	-	-
	MP-05 (I)	Current Trends in Agronomy	2	-	0	2	60	40	-	-	100
	MP-05 (II)	Advances in Crop Production	1	-	2	2	60	40	40	60	200
6	MP-06	Research and Publication Ethics	1	0	2	2	60	40	-	-	100
*Details of Elective papers offered by the respective department											

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Scheme of Ph. D. Course Work (w.e.f. Session 2024-25)

Ph. D. Agronomy

S.No.	Paper Code	Nomenclature	Hrs/Week				Examination Marks				Total
			L	T	P	Cr.	Theory		Practical		
							External	Internal	External	Internal	
COMPULSORY PAPERS											
1	MP-01	Research Methodology	4	0	0	4	60	40	-	-	100
2	MP-02	Computer Applications	2	0	0	2	60	40	-	-	100
3	MP-03	Software Lab. (Based on MP - 01 & MP - 02)	0	0	2	1	-	-	40	60	100
4	MP-04	Seminar (1)	0	0	0	2	-	100	-	-	100
5	MP-06	Research and Publication Ethics	1	0	2	2	60	40	-	-	100
6	Departmental subjects		-	-	-	-	-	-	-	-	-
	MP-05 (A)	Current Trends in Agronomy	2	-	0	2	60	40	-	-	100
	MP-05 (B)	Advances in Crop Production	1	-	2	2	60	40	40	60	200

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