

EDUCATIONAL MULTI MEDIA RESEARCH CENTRE

UNIVERSITY OF MYSORE

MANASAGANGOTRI, MYSORE - 570006

B.Sc. - AGRO CHEMICAL AND PEST CONTROL

SL.NO.	YEAR/ SEMESTER	PAPERS	NO OF TOPICS
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1	I YEAR	PESTICIDES AND SOIL SCIENCE	8
2	I YEAR	PEST CONTROL	10
3	I YEAR	ENTAMOLOGY	4
4	I YEAR	PESTS AND DISEASES OF CROP PLANTS	10
5	I YEAR	PESTICIDE RESIDUES AND TOXICOLOGY	6
6	I YEAR	TECHNIQUES FOR AGROCHEMICALS	4
7	I YEAR	BIOTECHNOLOGY ASPECTS IN PLANT PROTECTION	4
8	I YEAR	AGRO-BASED MARKETING MANAGEMENT	4
		TOTAL	50

PAPER1: PESTICIDES & SOIL SCIENCE

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
1	I YEAR		1		Chemistry of pesticides			Vindhya.K, Dept of Botany, University of Mysore, Mysore - 570006	Siddeswara J K	
2	I YEAR		2		Pyrethroids and Other Natural Pesticides					
3	I YEAR		3		Organophosphorus pesticides					
4	I YEAR		4		Inorganic pesticides					
5	I YEAR		5		Pesticide formulation					
6	I YEAR		6		Controlled release formulation of pesticides and fertilizers					
7	I YEAR		7		Soil chemistry and fertility					
8	I YEAR		8		Macro and micro nutrients of soil					

PAPER 3: PEST CONTROL

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
9	I YEAR		1		Principles and Methods of pest control			Vindhya.K, Dept of Botany, University of Mysore, Mysore - 570006	Siddeswara J K	
10	I YEAR		2		Pest control methods					
11	I YEAR		3		Bio fertilizer					
12	I YEAR		4		Herbicides					
13	I YEAR		5		Fungicides					
14	I YEAR		6		Resistance against pesticides					
15	I YEAR		7		Host plant resistance					
16	I YEAR		8		Recent advances in pest control					
17	I YEAR		9		Plant protection appliance					
18	I YEAR		10		Integrated Pest management					

PAPER 4: ENTAMOLOGY

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
19	I YEAR		1		Anatomy and physiology of the insect			Vindhya.K, Dept of Botany, University of Mysore, Mysore -570006	Siddeswara J K	
20	I YEAR		2		General Life cycle Patterns of insect					
21	I YEAR		3		Insects of Industrial Importance					
22	I YEAR		4		Applied entomology					

PAPER 5: PESTS AND DISEASES OF CROP PLANTS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
23	I YEAR		1		Plant pathology			Vindhya.K, Dept of Botany, University of Mysore, Mysore - 570006	Siddeswara J K	
24	I YEAR		2		Fungal diseases in plants					
25	I YEAR		3		Bacterial diseases in plants					
26	I YEAR		4		Viral diseases in plants					
27	I YEAR		5		Pest of cereal crops					
28	I YEAR		6		Pests of pulses and sugar cane					
29	I YEAR		7		Pests of oil seeds and forage crops					
30	I YEAR		8		Bionomics and control of the crop pests					
31	I YEAR		9		Bionomics and management of the stored grain crops					
32	I YEAR		10		Bionomics and management of the medically important pests					

PAPER 6: PESTICIDE RESIDUES AND TOXICOLOGY

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
33	I YEAR		1		Penetration and distribution of Pesticide residues and their effects on quality of human life			Vindhya.K, Dept of Botany, University of Mysore, Mysore - 570006	Siddeswara J K	
34	I YEAR		2		Pesticides residues in the atmosphere					
35	I YEAR		3		Pesticides residues in the water system					
36	I YEAR		4		Pesticides residues in the soil					
37	I YEAR		5		Pesticide hazards					
38	I YEAR		6		Analysis of pesticide residues and toxicological testing methods					

PAPER 7 : TECHNIQUES FOR AGROCHEMICALS

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
39	I YEAR		1		Separation techniques for agrochemicals			Vindhya.K, Dept of Botany, University of Mysore, Mysore - 570006	Siddeswara J K	
40	I YEAR		2		Non-instrumental techniques for agrochemicals					
41	I YEAR		3		Analytical techniques involved in pesticide analysis					
42	I YEAR		4		Analysis of agrochemicals					

PAPER 8 : BIOTECHNOLOGY ASPECTS IN PLANT PROTECTION

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel	Tape /PD No.	Subject Expert	Producer	Remarks if any
43	I YEAR		1		Agronomy of crop plants			Vindhya.K, Dept of Botany, University of Mysore, Mysore -570006	Siddeswara J K	
44	I YEAR		2		Agro ecosystem analysis					
45	I YEAR		3		Bio control in agroecosystem					
46	I YEAR		4		Biotechnology approaches in pest management					

PAPER 9 AGRO-BASED MARKETING MANAGEMENT

Sl.No	Year / Sem	Paper No. & Name	E-content Module No.	E-content DVD No.	E-Content Lecture Title	Video Programme Title (For VYAS Channel)	Tape /PD No.	Subject Expert	Producer	Remarks if any
47	I YEAR		47		Manufacturing of pesticides and agrochemicals			Vindhya.K, Dept of Botany, University of Mysore, Mysore - 570006	Siddeswara J K	
48	I YEAR		48		Agro based market process and planning concept					
49	I YEAR		49		Indian agro based marketing environment					
50	I YEAR		50		Agro-based marketing strategies					