

PO Attainment

Faculty Name:

Mr. Virendra Kumar

Class/Sem:

M.Sc. Ag /I

Academic Year: 2022-23

Course Name:

Modern concept of crop production

Course Code:

MAGR-101

Program Name: M.Sc. (Ag) Agronomy

CO-PO MAPPING:

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1		2			2			3		1	
CO2	1	2			1					2		1
CO3			1	2		2			2		1	
CO4	2	3		2				1			2	
CO5			1		2		3				1	2

CO ATTAINMENT:

Mr. Virendra Kumar	Att. Level
CO1	2.73
CO2	2.73
CO3	3.00
CO4	2.73
CO5	2.73

PO ATTAINMENT:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Overall PO Attainment	2.7	2.7	2.8	2.9	2.7	2.9	2.7	2.7	2.8	2.7	2.8	2.7

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CO Attainment

Faculty Name: **Mr. Virendra Kumar**

Class/Sem: **M.Sc. Ag/I**

Academic **2022-23**

Course Name: **Modern concept of crop production** Course Code: **MAGR-101** Program **M.Sc. (Ag) Agronomy**

S. No.	University Reg. No.	Student Name	Theory (30)	Theory (30)	Theory (10)	Theory (10)	Theory (30)	Theory (10)	Internal Marks Scheme				End Sem Exam Marks	Total Marks
									Unit Test(UT)	Attendance(AT)	Teacher Assessment(TA)	Total Practical Marks		
1	222409	ADITYA SHARMA	15	12	3	3	15	3	6	7	2	AB	38	53
2	222421	AIZAZ KHAN	15	12	3	3	15	3	6	4	2	32	39	83
3	222614	ANKIT PRABHAKAR	30	24	7	5	30	7	12	13	4	43	38	110
4	222761	ARPIT PANDEY	25	20	7	5	25	7	10	8	4	32	43	97
5	223154	HARSHIT SAINI	25	20	7	5	25	7	10	11	4	38	40	103
6	223426	LALIT PANDEY	25	20	7	5	25	7	10	11	4	39	41	105
7	223889	PRAKRITI PRATAP SINGH	20	16	3	3	20	3	8	8	2	34	47	99
8	224169	ROHIT SHARMA	30	24	7	5	30	7	12	13	4	35	31	95
9	224774	VASUDEV PATHAK	15	12	3	3	15	3	6	7	2	36	41	92
10	225004	SANJU SINGH	30	24	7	5	30	7	12	12	4	45	20	93
Students appeared for the examination			10	10	10	10	10	10	10	10	10	9	10	10
Target / satisfactory mark set as benchmark			12	12	4	4	12	4	5	5	2	0	20	40
Students scored above the target set			10	10	6	6	10	6	10	9	6	9	10	10
% Students scored above the target set			100%	100%	60%	60%	100%	60%	100%	90%	60%	100%	100%	100%
Attainment Level			3	3	2	2	3	2	3	3	2	3	3	3

CO	3	2	3	2	3	3	2	3	3	3	3	3	3	Overall
CO1	3	2	3	2	3	3	2	3	3	2	3	3	3	2.73
CO2	3	2	3	2	3	3	2	3	3	2	3	3	3	2.73
CO3	3	3	3	3	3	3	3	3	3	3	3	3	3	3.00
CO4	3	2	3	2	3	3	2	3	3	2	3	3	3	2.73
CO5	3	2	3	2	3	3	2	3	3	2	3	3	3	2.73

Rubric:		Overall attainment
% Students	Level	2.78
<50%	1	
50-75%	2	
>75%	3	

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Q.No	SECTION - 'A'	Marks (50)	CO	BL
Attempt all parts of the following question.(1x 5= 5 Marks)				
1-I	Define agronomy	01	CO1	L2
1-II	State Inter cropping.	01	CO2	L1
1-III	Describe ICAR.	01	CO2	L2
1-IV	Mention Dry farming.	01	CO2	L1
1-V	Define CRIDA	01	CO2	L1
Answer the following question : (1x 5= 5 Marks)				
2-I	Clarify Zero tillage.	01	CO1	L1
2-II	Represent the precision agriculture.	01	CO1	L1
2-III	Paraphrase the dry farming.	01	CO1	L1
2-IV	Clarify that rainfed farming.	01	CO1	L2
2-V	Who is known father of weed	01	CO2	L1
SECTION - 'B'				
Attempt any two questions. (10x2 = 20 Marks)				
3-I	(a) Determine the farming system and describe indigenous farming systems. (or) (b) Explain concept of soil plant relation and effect of lodging.	5	CO2	L2
3-II	(a) Differentiate HEIA and LEISA and describe the organic farming. (or) (b) Focus on tillage and modern concept of tillage	5	CO3	L3
4-I	(a) Explain agro ecological zones of india breafly . (or) (b) Discuss the integrated farming system and dry farming s.	5	CO3	L5
4-II	(a) Define principles of precision agriculture practices of precision agriculture. (or) (b) Discriminate organic farming and scope of organic farming.	5	CO4	L3
SECTION - 'C'				
5	(a) Discuss the precision agriculture ,evolutions of precision farming and advantage of precision agriculture. (or)Explain tillage and describe types of tillage operations briefly.	10	CO5	L4
6	(a) Explanations the integrated nutrient management and system of farming. (or) (b) Describe allied enterprises and their maintenance, describe IFS modelfertilizer with example.	10	CO5	L6

BL – Bloom's Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	7	CO1	5
Level2	8	CO2	10
Level3	10	CO3	10
Level4	10	CO4	5
Level5	5		20
Level6	10		
Total	50	Total	50

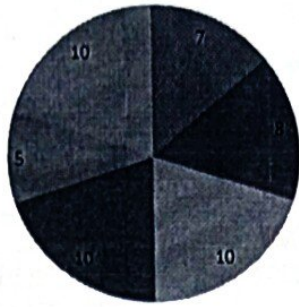
Bloom's Level wise Marks Distribution

Course Outcome wise

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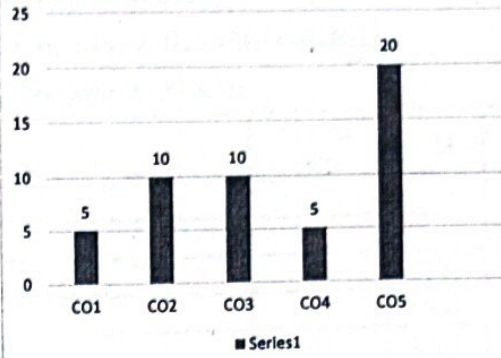
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■ Level2 ■ Level3 ■ Level4 ■ Level5 ■ ■

Marks Distribution



■ Series1

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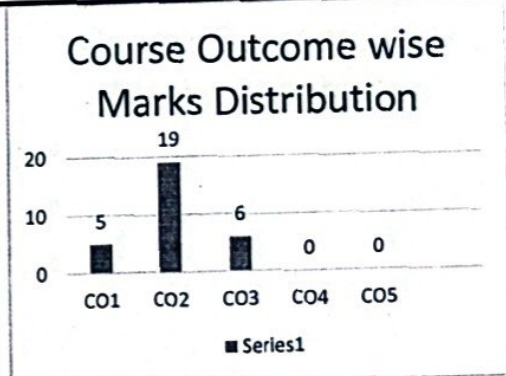
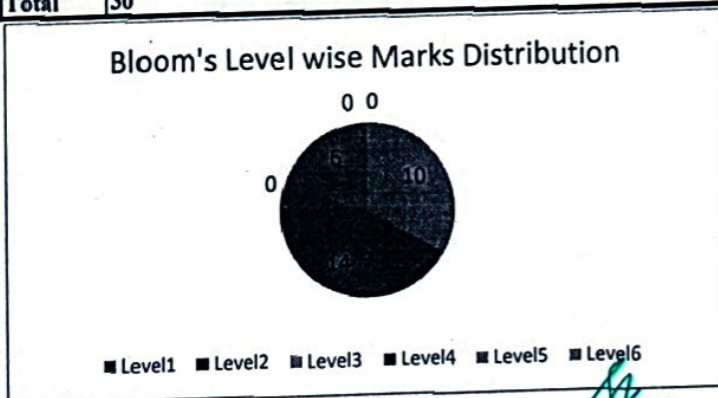
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Q.No	Questions	Marks (30)	CO	BL
Section A				
Attempt all questions in this section				
1-I	Mention Dry farming	01	CO1	L1
1-II	What is Sheep penning?	01	CO1	L1
1-III	Define CRIDA	01	CO1	L2
1-IV	Define Vermicompost	01	CO1	L2
1-V	What is green manure?	01	CO2	L1
1-VI	What is compost?	01	CO1	L1
Section B				
Attempt any two questions in this section-				
2	Clarify Zero tillage.	06	CO2	L2
3	Paraphrase the dry farming.	06	CO2	L2
4	Explain different types of fertilizers.	06	CO2	L1
Section C				
Attempt any two questions in this section				
5	Discuss the properties of organic fertilizers.	06	CO3	L4
6	Clarify that rainfed farming	06	CO3	L5
7	Discuss different type of manures.	06	CO2	L6
BL – Bloom’s Taxonomy Levels (1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating) CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code				

Level	Marks	CO	Marks
Level1	10	CO1	5
Level2	14	CO2	19
Level3	0	CO3	6
Level4	6	CO4	0
Level5	0	CO5	0
Level6	0		
Total	30	Total	30



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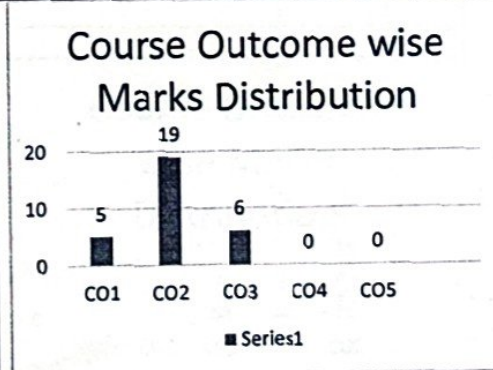
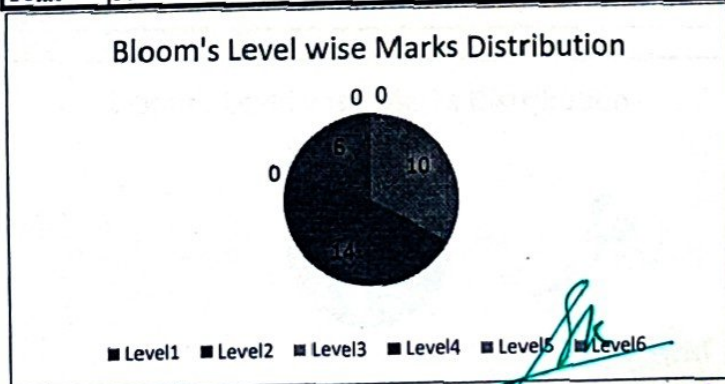
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Q.No	Questions	Marks (30)	CO	BL
Section A				
Attempt all questions in this section				
1-I	Mention Dry farming	01	CO1	L1
1-II	What is Sheep penning?	01	CO1	L1
1-III	Define CRIDA	01	CO1	L2
1-IV	Define Vermicompost	01	CO1	L2
1-V	What is green manure?	01	CO2	L1
1-VI	What is compost?	01	CO1	L1
Section B				
Attempt any two questions in this section-				
2	Clarify Zero tillage.	06	CO2	L2
3	Paraphrase the dry farming.	06	CO2	L2
4	Explain different types of fertilizers.	06	CO2	L1
Section C				
Attempt any two questions in this section				
5	Discuss the properties of organic fertilizers.	06	CO3	L4
6	Clarify that rainfed farming	06	CO3	L5
7	Discuss different type of manures.	06	CO2	L6

BL – Bloom's Taxonomy Levels
(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	10	CO1	5
Level2	14	CO2	19
Level3	0	CO3	6
Level4	6	CO4	0
Level5	0	CO5	0
Level6	0		
Total	30	Total	30



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Q.No	Questions	Marks (30)	CO	BL
Section A				
Attempt all questions in this section				
1-I	Define agronomy	01	CO4	L1
1-II	Define CRIDA	01	CO4	L2
1-III	Describe ICAR	01	CO4	L1
1-IV	What is manure?	01	CO5	L1
1-V	What is compost?	01	CO4	L2
1-VI	What is FYM?	01	CO4	L2
Section B				
Attempt any two questions in this section-				
2	Discuss the precision agriculture ,evolutions of precision farming.	06	CO5	L2
3	Explanations the integrated nutrient management.	06	CO3	L2
4	Describe IFS model.	06	CO5	L3
Section C				
5	Discuss the integrated farming system and dry farming s	06	CO4	L3
6	Focus on tillage and modern concept of tillage	06	CO4	L4
7	Explain agro ecological zones of india breafly	06	CO5	L5

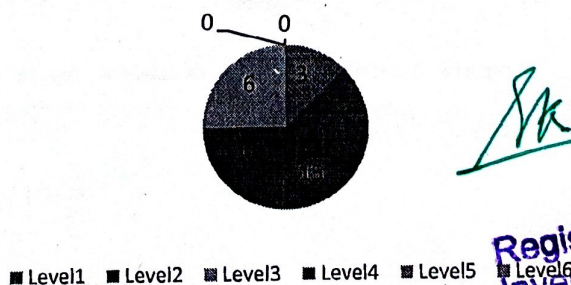
BL – Bloom’s Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

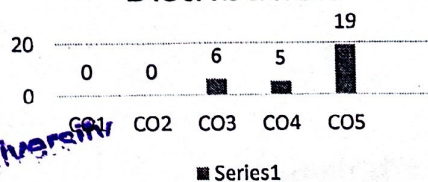
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	3	CO1	0
Level2	15	CO2	0
Level3	6	CO3	6
Level4	0	CO4	5
Level5	0	CO5	19
Level6	0		
Total	24	Total	30

Bloom's Level wise Marks Distribution



Course Outcome wise Marks Distribution



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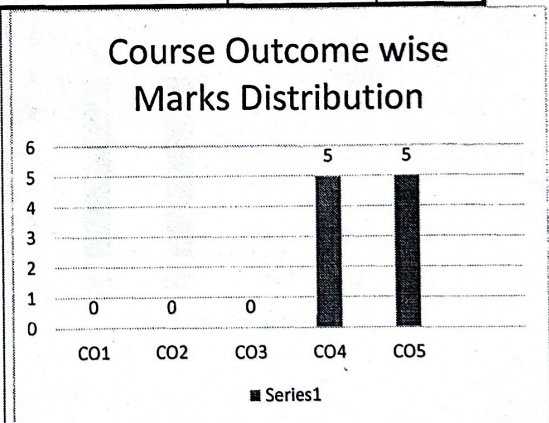
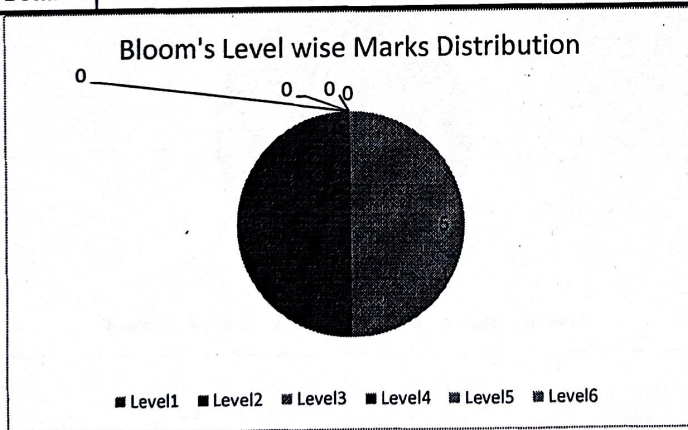
Q.No	Questions	Marks (10)	CO	BL
1	Describe allied enterprises and their maintenance, describe IFS model.	05	CO4	L2
2		05	CO5	L1

BL – Bloom’s Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	5	CO1	0
Level2	5	CO2	0
Level3	0	CO3	0
Level4	0	CO4	5
Level5	0	CO5	5
Level6	0		
Total	10	Total	10



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Q.No	Questions	Marks (10)	CO	BL
1	Determine the farming system and describe indigenous farming systems.	05	CO1	L3
2	Explain concept of soil plant relation and effect of lodging.	05	CO2	L1

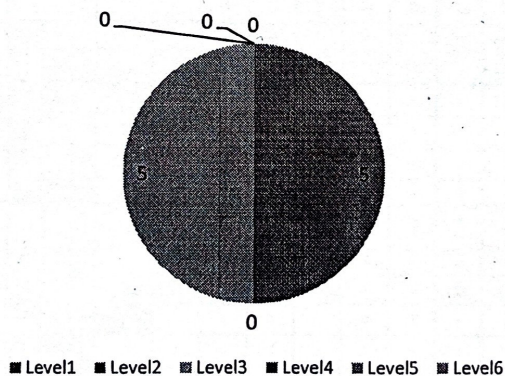
BL – Bloom's Taxonomy Levels

(1- Remembering, 2- Understanding, 3 – Applying, 4 – Analysing, 5 – Evaluating, 6 - Creating)

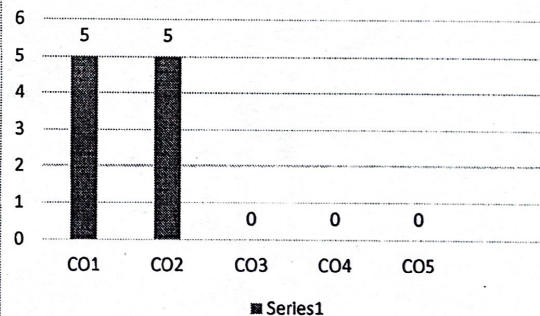
CO – Course Outcomes PO – Program Outcomes; PI Code – Performance Indicator Code

Level	Marks	CO	Marks
Level1	5	CO1	5
Level2	0	CO2	5
Level3	5	CO3	0
Level4	0	CO4	0
Level5	0	CO5	0
Level6	0		
Total	10	Total	10

Bloom's Level wise Marks Distribution



Course Outcome wise Marks Distribution



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PROGRAM : M.Sc. AGRICULTURE (AGRONOMY)
SEMESTER : FIRST
SESSION : 2022-23
COLLEGE : Faculty of Agriculture

REF NO. IU/EXAM/165

DATE: 21-04-2023

Sl. No.	Enroll. No.	Roll No.	Student Name	MAGR101		MAGR102		MAGR103		MAGR104		MAGR105		MAGR106		MAGR107		MAGR108	TOTAL POINTS	TOTAL CREDIT	GPA (Optional Part/ final award)	STATUS	
				Max. Marks	Score	Max. Marks	Score	Max. Marks	Score	Max. Marks	Score	Max. Marks	Score	Max. Marks	Score	Max. Marks	Score						
1	222409	2230282001	ADITYA SHARMA	30	38	30	25	30	18	4.1	0	21	16	17	16	16	16	0	0	0	0.00	Re-Appear- MAGR101, MAGR102, MAGR103, MAGR104, MAGR105, MAGR106, MAGR107, MAGR108	
2	222451	2230282002	AIZAZ KHAN	32	38	71	7.1	21.3	18	7.4	22.2	31	21	18	18	18	18	5.4	16.2	16.2	6.46	PASS	
3	222814	2230282003	ANKIT PRABHAKAR	43	38	61	8.1	24.3	19	8.9	26.7	41	24	17	68	6.5	20.4	9.4	20.4	20.4	7.88	PASS	
4	222761	2230282004	ARJIT PANDEY	32	43	76	7.5	22.5	19	8.7	26.1	35	28	18	81	8.1	24.3	33	23	19	7.6	7.74	PASS
5	222164	2230282005	HARSHIT SAINI	38	40	78	7.8	23.4	19	8.3	24.9	35	22	18	76	7.5	22.5	37	23	18	7.8	7.60	PASS
6	222426	2230282006	LALIT PANDEY	36	41	80	8	24	36	8.2	24.6	31	28	17	71	7.1	21.3	30	20	18	8.5	7.38	PASS
7	222869	2230282007	PRAKRITI PRATAP SINGH	34	47	81	8.1	24.3	35	26	23.7	31	28	19	76	7.5	22.5	31	22	19	7.4	7.64	PASS
8	222169	2230282008	ROHIT SHARMA	35	31	66	6.5	19.5	18	7.5	22.5	36	18	18	72	7.2	21.6	32	15	18	8.5	6.54	PASS
9	222774	2230282009	VASUDEW PATRAK	36	41	77	7.7	23.1	42	27	26.1	40	28	17	83	8.3	24.9	36	22	18	7.5	7.80	PASS
10	222004	2230282009	SANJU SINGH	45	20	65	6.5	19.5	42	18	23.4	40	17	17	74	7.4	22.2	37	14	14	8.1	6.54	PASS

CONTROLLER OF EXAMINATIONS

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VICE-CHANCELLOR

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