



2.6.2

CO-PO Attainment

**B. Sc. (Hons.) Agriculture
(2020-21)**

2016-2021

SSR : 1st Cycle of Accreditation

RNB GLOBAL UNIVERSITY

RNB Global City, Ganganagar Road,
Bikaner, Rajasthan 334601

Faculty of Basic and Applied Sciences

B. Sc. (Agriculture)

CO Attainment Report

Session 2020-21, I Semester, Dec., 2020

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	20000100	Principles of Agronomy and Meteorology	3	2.72	3
2	20000300	Introduction to Soil Science	2	1.77	2
3	20000500	Elementary Genetics	2	1.71	2
4	20000700	Statistical Methods	3	2.66	3
5	20000800	Introduction to Horticulture	2	1.61	2
6	200001000	Principle of Agricultural Economic	2	1.75	2
7	99002200	Business Communication	4	3.09	4

The calculation of attainment level has been done as per procedure of RNB Global University.

Attachment: Calculation sheet of CO attainment from TR.

Remarks

20000100	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
CO1	3	3	3	3	3	2	2	1	3	1	2	1
CO2	3	2	2	3	3	2	3	2	2	2	3	3
CO3	3	2	3	2	3	3	1	3	3	3	2	2
CO4	3	3	2	3	1	2	3	3	2	2	3	3
CO5	3	3	2	3	3	2	3	2	3	3	2	3
Average	3.00	2.60	2.40	2.80	2.60	2.20	2.40	2.20	2.60	2.20	2.40	2.40
Attainment	2.72	2.36	2.18	2.54	2.36	1.99	2.18	1.99	2.36	1.99	2.18	2.18



20000300	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	2	2	2	3	3	2	1	3
CO2	3	3	3	2	2	2	2	3	3	1	2	3
CO3	3	3	2	3	3	2	2	1	3	2	3	3
CO4	3	3	3	2	3	2	1	2	3	2	3	3
CO5	3	2	3	2	2	3	3	2	3	3	3	3
Average	3.00	2.60	2.60	2.20	2.40	2.20	2.00	2.20	3.00	2.00	2.40	3.00
Attainment	2.66	2.30	2.30	1.95	2.12	1.95	1.77	1.95	2.66	1.77	2.12	2.66

20000500	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3		2	3		2	2	3	2	2
CO2	2	3	3	2		2	2		3	3	2	3
CO3	3	2			3	2	3	2	2		2	3
CO4	3	3	2	2	2		2		3	2	3	2
CO5	2	3	2	3		2	3	3	2			
Average	2.60	2.80	2.50	2.33	2.33	2.25	2.50	2.33	2.40	2.67	2.25	2.50
Attainment	2.22	2.39	2.14	2.00	2.00	1.92	2.14	2.00	2.05	2.28	1.92	2.14

20000700	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	1	3	2	3	2	2	3	3	1	3
CO2	1	3	3	1	2	2	1	3	1	1	3	3
CO3	3	1	2	3	3	2	3	3	3	2	2	2
CO4	2	2	2	2	3	3	3	2	2	3	2	2
CO5	3	3	3	3	3	3	3	3	3	3	3	3
Average	2.20	2.40	2.20	2.40	2.60	2.60	2.40	2.60	2.40	2.40	2.20	2.60
Attainment	1.95	2.13	1.95	2.13	2.31	2.31	2.13	2.31	2.13	2.13	1.95	2.31

20000800	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	3	2		2				2	2	2
CO2	2	3	2	3	2			2				2
CO3	3	2	3	3	2	2	2				2	
CO4	2	2	2					2				1
CO5	2	2	2	3	3	3	2	2		3		3
Average	2.40	2.20	2.40	2.75	2.33	2.33	2.00	2.00	0	2.50	2.00	2.00
Attainment	1.93	1.77	1.93	2.21	1.88	1.88	1.61	1.61	0	2.01	1.61	1.61



20001000	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	2		2	2			2	2	2	3
C02	3	3		2				2	2	2		2
C03	3	3	2	2		2		2		2	2	
C04	3	2			2		2	2			2	2
C05	2	2	3	2	2	2	3	3	2	2		3
Average	2.80	2.40	2.33	2.00	2.00	2.00	2.50	2.25	2.00	2.00	2.00	2.50
Attainment	2.46	2.11	2.05	1.76	1.76	1.76	2.20	1.98	1.76	1.76	1.76	2.20

99002200	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	3	2	2	3		1	3	3	1	3
C02	3	2	2	2	2	2		2	2	3	2	3
C03	1				1	3		3	2	3	3	3
C04	2	2	2	2	3	3		3	2	3	3	3
C05	3	2	3	2	2	2		2	3	2	3	3
Average	2.40	2.00	2.50	2.00	2.00	2.60	0	2.20	2.40	2.80	2.40	3.00
Attainment	1.85	1.55	1.93	1.55	1.55	2.01	0	1.70	1.85	2.16	1.85	2.32



Faculty of Basic and Applied Sciences

B. Sc. (Agriculture)

CO Attainment Report

Session 2020-21, III Semester, Dec., 2020

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	20012400	Soil and Water Conservation	2	1.99	2
2	20012800	Agro-Informatics	1	0.94	1
3	20013000	Farm Machinery and Power	1	0.91	1
4	20013200	Production Technology of Vegetables	1	0.66	1
5	20014000	Agriculture Heritage and Human Values Ethics	2	1.63	2
6	20013600	Fundamentals of Plant Pathology	3	1.54	3
7	20013800	Livestock & Poultry Production	3	2.49	3
8	20012600	Agriculture Finance & Cooperation	2	1.81	2
9	20012200	Crop Production Technology	1	0.95	1
10	20012400	Fundamentals of Plant Physiology	2	1.73	2

The calculation of attainment level has been done as per procedure of RNB Global University.

Attachment: Calculation sheet of CO attainment from TR.

Remarks



20012400	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	3	2	3	2	3	3	2	2	2	3
C02	3	3	2	3	3	3	3	2	3	2	2	3
C03	3	3	2	2	3	2	3	3	3	2	2	3
C04	2	1	1		1	3	2	1	3	2	2	3
C05	3	2	3	3	2	3	1	2	2	3	3	2
Average	2.80	2.40	2.20	2.50	2.40	2.60	2.40	2.20	2.60	2.20	2.20	2.80
Attainment	2.79	2.39	2.19	2.49	2.39	2.59	2.39	2.19	2.59	2.19	2.19	2.79

20012800	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	1				3	2	3	3		2	3	3
C02	3	2	2		3	2	3	3		3	3	3
C03	3	2		3	3		3			2	3	3
C04	3	3	3	2	2	2	2	2	3	2	2	2
C05	3	3	3	3	3	3		2	2		3	3
Average	2.60	2.50	2.67	2.67	2.80	2.25	2.75	2.50	2.50	2.25	2.80	2.80
Attainment	0.81	0.78	0.84	0.84	0.88	0.71	0.86	0.78	0.78	0.71	0.88	0.88

20013000	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	3	3	3	2	1	3	2	1	3
C02	3	1	2	3	3	3	2	1	3	2	2	3
C03	3	2	2	3	3	3	1	2	3	2	2	1
C04	3	3	3	1	3	3	3	2	3	2	2	3
C05	2	2	2	2	3	2	2	3	3	2	2	2
Average	2.80	2.20	2.20	2.40	3.00	2.80	2.00	1.80	3.00	2.00	1.80	2.40
Attainment	0.85	0.67	0.67	0.73	0.91	0.85	0.61	0.55	0.91	0.61	0.55	0.73

20013200	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	2	1	2	2	1	3	2	2	1	2
C02	3	3	1	2	1	1	3	2	1	2	3	1
C03	3	3	2	2	3	2	1	2	3	1	2	3
C04	3	2	1	3	2	1	2	1	2	2	1	2
C05	3	3	2	3	2	3	3	2	3	3	3	2
Average	3	2.60	1.60	2.00	2.00	1.80	1.75	1.75	2.00	2.00	1.75	1.75
Attainment	0.66	0.57	0.35	0.44	0.44	0.40	0.39	0.39	0.44	0.44	0.39	0.39

20014000	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	2	3		2				2		
C02	2	3		2	3		2			2		3
C03	3	3	3	3	2	2	2	2	2			
C04	3	3	3	2	2	2		2			2	2
C05	2			2	3	3	3	3	3	3	3	3
Average	2.60	2.75	2.67	2.40	2.50	2.25	2.33	2.33	2.50	2.33	2.50	2.67

20013600	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	3	3	2	3	2	2	2	3	2	2
C02	3	3	3	3	2	3	3	2	2	3	3	2
C03	3	3	3	3	2	3	3	3	2	2	2	3
C04	3	3	3	3	3	2	3	2	3	2	2	3
C05	3	3	3	3	2	2	3	2	3	3	3	3
Average	3.00	3.00	3.00	3.00	2.20	2.60	2.80	2.20	2.40	2.60	2.40	2.60
Attainment	1.54	1.54	1.54	1.54	1.13	1.33	1.44	1.13	1.23	1.33	1.23	1.33

20013800	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3					2		2	2	2	3	
C02	2	3	3	3	2			2	2		3	2
C03	2	2	3	2	3	3	2		2	2	2	3
C04	2		2	3		3		2		2	2	3
C05	2		2		3	3	3	3	3		3	3
Average	2.20	2.50	2.50	2.67	2.67	2.75	2.50	2.25	2.25	2.00	2.60	2.75
Attainment	1.83	2.08	2.08	2.21	2.21	2.28	2.08	1.87	1.87	1.66	2.16	2.28

20012600	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	2	2	3	1	2	1	2	2	1	2	2
C02	3	2	3	2	2	1			1		1	
C03	2	3	2	3	1		2	1		2		1
C04	3	2	1	1	3	2	1		1	1	2	
C05												
Average	2.75	2.25	2.00	2.25	1.75	1.67	1.33	1.50	1.33	1.33	1.67	1.50
Attainment	2.49	2.04	1.81	2.04	1.58	1.51	1.21	1.36	1.21	1.21	1.51	1.36

20012200	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3		2	3	3	2		2	2		3	2
C02	3			2		3	2	2				
C03	3	2	2		3	3	2		2	3	3	3
C04	2	3	3	3	3		3	3		3	3	3
C05	3	2		3	2		2		2		3	2
Average	2.80	2.33	2.33	2.75	2.75	2.67	2.25	2.33	2.00	3.00	3.00	2.50
Attainment	0.89	0.74	0.74	0.87	0.87	0.84	0.71	0.74	0.63	0.95	0.95	0.79

20013400	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	2	2	2		2	2		2	2	3	3	
C02	2	3	3	2		3	2		2	2	2	2
C03	3	2		2	2	2	3		2		3	3
C04	3	2	2	2	3		2	3	3		2	3
C05	3	3	3	3		2	3	3	3	3		2
Average	2.60	2.40	2.50	2.25	2.33	2.25	2.50	2.67	2.40	2.67	2.50	2.50
Attainment	2.25	2.08	2.16	1.95	2.02	1.95	2.16	2.31	2.08	2.31	2.16	2.16

Faculty of Basic and Applied Sciences

B. Sc. (Agriculture)

CO Attainment Report

Session 2020-21, IV Semester, July, 2020

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	20014200	Crop Production Technology	1	0.89	1
2	20014400	Production Technology for Ornamentals	1	0.87	1
3	20014800	Problematic Soils and their Management	2	0.73	2
4	20014600	Renewable Energy and Green Technology	1	0.89	1
5	20015100	Principles of Seed Technology	1	0.90	1
6	20015500	Agriculture Marketing Trade and Price	2	1.82	2
7	20015700	Fundamentals of Agriculture Extension Education	2	1.63	2
8	20015300	Plant Biotechnology	2	1.91	2
9	20014900	Production Technology of Fruits and Vegetables	1	0.93	1

The calculation of attainment level has been done as per procedure of RNB Global University.

Attachment: Calculation sheet of CO attainment from TR.

Remarks:



20014200	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3		2	3	3	2		2	2		3	2
C02	3			2		3	2	2				
C03	3	2	2		3	3	2		2	3	3	3
C04	2	3	3	3	3		3	3	0	3	3	3
C05												
Average	2.75	2.50	2.33	2.67	3.00	2.67	2.33	2.33	1.33	3.00	3.00	2.67
Attainment	0.82	0.74	0.69	0.79	0.89	0.79	0.69	0.69	0.40	0.89	0.89	0.79

20014400	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	3	2	2	2	3	2		2	3
C02	2	3	2		3	2	2	2		2	2	2
C03	2	2		2	2	3		2	2	2	2	
C04		2	3	2		2	2		3			2
C05	2	3	2	3	3		3	2		3	2	2
Average	2.25	2.60	2.25	2.50	2.50	2.25	2.25	2.25	2.33	2.33	2.00	2.25
Attainment	0.65	0.75	0.65	0.73	0.73	0.65	0.65	0.65	0.68	0.68	0.58	0.65

20014600	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	2	3	2	1	2	2	1	3	2
C02	2	3	1	2	1	3	2	2	1	2	2	3
C03	3	1	3		1	1	1	2	2	1	1	2
C04	2	2	1	2	2	1	2	1	1	2	2	1
C05	3	3	3	3	3	3	3	3	3	2	2	2
Average	2.60	2.40	2.00	2.25	2.00	1.75	1.67	2.00	1.75	1.60	2.00	1.75
Attainment	0.77	0.71	0.59	0.67	0.59	0.52	0.49	0.59	0.52	0.47	0.59	0.52

20014800	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	3	2	1	2	2	3	2	2	3
C02	3	3	2	2	2	2	3		2	1	1	3
C03	3	3	2	3	3	2	3	3	2	2	2	3
C04	3	3	2	1	2	2	2	3	2	2	2	3
C05	2	3	3	3	1	3	2	2	3	3	3	3
Average	2.80	3.00	2.20	2.40	2.00	2.00	2.40	2.50	2.40	2.00	2.00	3.00
Attainment	1.02	1.10	0.80	0.88	0.73	0.73	0.88	0.91	0.88	0.73	0.73	1.10

20014900	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	3	3	2	2	3	3	2	2	3	2
C02	3	3	3	3	2	2	3	3	2	2	3	2
C03	3	3	3	3	3	3	3	3	3	3	3	3
C04	3	3	3	3	3	3	3	3	3	3	3	3
C05	3	3	3	3	2	2	2	3	3	2	2	3
Average	3	3.00	3.00	3.00	2.40	2.40	2.80	3.00	2.60	2.40	2.80	2.60
Attainment	0.93	0.93	0.93	0.93	0.74	0.74	0.87	0.93	0.81	0.74	0.87	0.81

20015100	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	2	3	3	3	2	2	3		2		3	2
C02	2	2	2		3	3	2	3	2	3	2	3
C03	3	2					3	3	2	3		2
C04	2	3	2	2	3	3			3		3	
C05	3	2	3	3		2	2	2	3	2	3	3
Average	2.4	2.40	2.50	2.67	2.67	2.50	2.50	2.67	2.40	2.67	2.75	2.50
Attainment	0.72	0.72	0.75	0.80	0.80	0.75	0.75	0.80	0.72	0.80	0.83	0.75

20015300	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	2	2		2	2			3		2
C02	3	2	3		3	3	2		2	3	2	2
C03	3		2	3	3	2	2			3	2	2
C04	3	3		3	3	3	2		3	2	3	2
C05	3	2	3	2	2	3	3	2		3		3
Average	3.00	2.00	3.00	2.00	2.00	3.00	3.00	2.00	2.50	3.00	2.33	3.00
Attainment	2.87	1.91	2.87	1.91	1.91	2.87	2.87	1.91	2.39	2.87	2.23	2.87

20015500	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	2	1	2		2		2	2		
C02	3	3		2	1	2		2	2		2	
C03	2		3		1	2		1		1	2	2
C04	3	3	2	2	3	1	1		1			2
C05												
Average	2.75	2.67	2.33	1.67	1.75	1.67	1.50	1.50	1.67	1.50	2.00	2.00
Attainment	2.50	2.43	2.12	1.52	1.59	1.52	1.37	1.37	1.52	1.37	1.82	1.82

20015700	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	3	2	2	1	1	2	1	1		2
C02	3	2	2	2	1	2		1	1	2	2	1
C03	3	3	3	3	1	2	1				1	
C04	3	3	1	2	2			1	2		1	1
C05												
Average	3.00	2.50	2.25	2.25	1.50	1.67	1.00	1.33	1.33	1.50	1.33	1.33
Attainment	2.45	2.04	1.83	1.83	1.22	1.36	0.82	1.09	1.09	1.22	1.09	1.09



Faculty of Basic and Applied Sciences

B. Sc. (Agriculture)

CO Attainment Report

Session 2020-21, V Semester, Dec., 2020

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	20017200	Pest of Crop & SGM	2	1.72	2
2	20017400	Diseases of Field & Horticultural Crops	2	1.72	2
3	20017600	Crop Improvement	1	0.86	1
4	20017800	Food safety & Standards	2	1.72	2
5	20018300	IPR	1	0.874	1
6	20016800	Principles of Integrated Pest Management	2	1.62	2
7	20018000	Bio-pesticide and Bio-fertilizers	2	1.80	2
8	20017000	Manure, Fertilizer & Soil Fertility Management	2	1.27	2

The calculation of attainment level has been done as per procedure of RNB Global University.

Attachment: Calculation sheet of CO attainment from TR.

Remarks:



20017200	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	2		2		2		2	2		3
C02	3	3		2		2		2	2		2	
C03	2		3		2	2		2		2	2	2
C04	3	3	2	2	3		2		2			2
C05	3	2	3	3	2		3	3	3	3		3
Average	2.80	2.50	2.50	2.33	2.25	2.00	2.33	2.33	2.25	2.33	2.00	2.33
Attainment	2.41	2.15	2.15	2.01	1.94	1.72	2.01	2.01	1.94	2.01	1.72	2.01

20017400	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3		3		2	2				2	3
C02	3	3	3	3	2		2	3	3	3		
C03	3	3	3	2	2	2		2	2			
C04	3		2		3				3	3	2	3
C05	3	2	3	3	2		3	2	3	2	3	3
Average	3.00	2.75	2.75	2.75	2.25	2.00	2.33	2.33	2.75	2.67	2.33	3.00
Attainment	2.58	2.37	2.37	2.37	1.94	1.72	2.01	2.01	2.37	2.29	2.01	2.58

20017600	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	2	2	3	2	3	3	3		2	3	2	2
C02	2	3			3	3	2	2	3	3	2	2
C03	2	3	2	3	3			2	2		2	3
C04	3	3	2			3	2	3	3	2	3	2
C05	2	2	3	3		2	3		2			
Average	2.20	2.60	2.50	2.67	3.00	2.75	2.50	2.33	2.40	2.67	2.25	2.25
Attainment	0.63	0.75	0.72	0.76	0.86	0.79	0.72	0.67	0.69	0.76	0.65	0.65

20017800	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	3	3	2	3	3	3	3	3	3	3
C02	3	3	3	3	2	3	3	2	3	3	3	3
C03	3	3	3	2	3	3	3	3	3	3	3	3
C04	3	2	2	3	3	3	3	2	2	3	3	3
C05	3	3	3	2	3	3	2	3	3	2	3	3
Average	3.00	2.80	2.80	2.60	2.60	3.00	2.80	2.60	2.80	2.80	3.00	3.00
Attainment	1.73	1.61	1.61	1.50	1.50	1.73	1.61	1.50	1.61	1.61	1.73	1.73

20018300	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	2	3		2	2	2	2	3		3	3	2
C02	2	3	3	2		2	2		3	3	2	3
C03	3	2			2			2	2	2		3
C04	3	2	2				2	2	3		3	2
C05	3		3		3	3		3		3	3	3
Average	2.60	2.50	2.67	2.00	2.33	2.33	2.00	2.50	2.67	2.75	2.75	2.60
Attainment	0.75	0.73	0.77	0.58	0.68	0.68	0.58	0.73	0.77	0.80	0.80	0.75

20018000	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	2	1	2	2	3	2	2	3	3	3
C02	3	3	3	2	3	3	3	2	3	3	3	3
C03	3	3	3	2	3	3	3	2	3	2	2	3
C04	3	2	2	3	3	3	2	3	3	2	3	3
C05	3	3		2	3	2	3	3	2	3	3	3
Average	3	2.6	2.5	2	2.8	2.6	2.8	2.4	2.6	2.6	2.8	3
Attainment	2.7	2.34	2.25	1.8	2.52	2.34	2.52	2.16	2.34	2.34	2.52	2.7

20016800	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3		2	3	3	2		2	2		3	2
C02	3			2		3	2	2				
C03	3	2	2		3	3	2		2	3	3	3
C04	2	3	3	3	3		3	3		3	3	3
C05	2	3	3		2		2	2	3			2
Average	2.60	2.67	2.50	2.67	2.75	2.67	2.25	2.25	2.33	3.00	3.00	2.50
Attainment	2.11	2.16	2.03	2.16	2.23	2.16	1.82	1.82	1.89	2.43	2.43	2.03

20017000	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	2	2	2	2	2	2	3	2	2	3
C02	3	3	2	3	2	2	3	1	3	2	2	3
C03	3	3	2	3	2	2		2	3	2	2	3
C04	3	3	1	3	3	1	2	2	3	2	3	3
C05	3	2	3	2	1	3	3	3	2	2	2	3
Average	3.00	2.80	2.00	2.60	2.00	2.00	2.50	2.00	2.80	2.00	2.20	3.00
Attainment	1.91	1.78	1.27	1.65	1.27	1.27	1.59	1.27	1.78	1.27	1.40	1.91



Faculty of Basic and Applied Sciences

B. Sc. (Agriculture)

CO Attainment Report

Session 2020-21, VI Semester, July, 2020

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	20019300	Rainfed Agriculture & Watershed Management	1	0.89	1
2	20019500	Protected Cultivation	1	0.91	1
3	20019700	DFHCM	1	0.89	1
4	20020300	Crop Improvement	1	0.85	1
5	20019900	Post Harvest Management	1	0.84	1
6	20020600	Principles of Organic farming	1	0.84	1
7	20020100	Management of Beneficial Insects	1	0.89	1
8	20020800	Farm Management, Production and BE	1	0.84	1
9	20021000	Principles of Food Science & Nutrition	2	1.72	2

The calculation of attainment level has been done as per procedure of RNB Global University.

Attachment: Calculation sheet of CO attainment from TR.

Remarks:



20019300	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	2	3	2	2	2	2	3	2	2	3
C02	3	1	3	3	2	2	3	2	3	3	2	3
C03	3	3	2	3	2	2	2	1	3	2	2	3
C04	3	3	2	3	3	2	2	3	3	2	2	3
C05	3	2	3	2	2	3	3	2	2	2	2	3
Average	3	2.20	2.40	2.80	2.20	2.20	2.40	2.00	2.80	2.20	2.00	3.00
Attainment	0.89	0.65	0.71	0.83	0.65	0.65	0.71	0.59	0.83	0.65	0.59	0.89

20019500	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3		3	2	3		3	3				2
C02	3	2	2	2		3		1		3	2	3
C03	3	3	3	3	2	3	1				3	
C04	3	3		2	2			2	2		2	3
C05	2		3		3	3	3	3	3	3		3
Average	2.80	2.67	2.75	2.25	2.50	3.00	2.33	2.25	2.50	3.00	2.33	2.75
Attainment	0.85	0.81	0.83	0.68	0.76	0.91	0.71	0.68	0.76	0.91	0.71	0.83

20019700	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3		3	3	3		2				2	3
C02	3	3	3	2	2	3			2	3		2
C03	3	3	3	2	3	2		2	3		3	
C04	3	3	2	3	2	2	1	1		2	2	3
C05	2	3		2	2	3	2	2	3	3	3	3
Average	2.80	3.00	2.75	2.40	2.40	2.50	1.67	1.67	2.67	2.67	2.50	2.67
Attainment	0.83	0.89	0.82	0.71	0.71	0.74	0.49	0.49	0.79	0.79	0.74	0.79

20019900	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	3	2	2	1	1	2	1	1	1	2
C02	3	2	2	2	1	2	3	1	1	2	2	1
C03	3	3	3	3	1	2	1	2	3	1	1	2
C04	3	3	1	2	2	2	2	1	2	1	1	3
C05	3	2	3	3	3	3	2	2	2	2	3	2
Average	3	2.40	2.40	2.40	1.80	2.00	1.33	1.50	1.50	1.67	1.75	2.00
Attainment	0.84	0.67	0.67	0.67	0.50	0.56	0.37	0.42	0.42	0.47	0.49	0.56

20020300	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	2	2	3	2	3	3	3		2	3	2	2
C02	2	3			3	3	2	2	3	3	2	2
C03	2	3	2	3	3			2	2		2	3
C04	3	3	2			3	2	3	3	2	3	2
C05	2	2	3	3		2	3		2			
Average	2.20	2.60	2.50	2.67	3.00	2.75	2.50	2.33	2.40	2.67	2.25	2.25
Attainment	0.62	0.74	0.71	0.76	0.85	0.78	0.71	0.66	0.68	0.76	0.64	0.64



20020600	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	2	2				3	3	2	2	2		2
C02	3	2	2	3		3	3		2	2		2
C03	2				2	2	2		3	2	2	2
C04	3			2	2	3	3	2	2		2	
C05	2	3	3	3	3			2		3	3	3
Average	2.40	2.33	2.50	2.67	2.33	2.75	2.75	2.00	2.25	2.25	2.33	2.25
Attainment	0.67	0.65	0.70	0.75	0.65	0.77	0.77	0.56	0.63	0.63	0.65	0.63

20020100	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	2		2	2	2		3	2		2
C02	3	3		2						2		
C03	3	3	2	2		2		3			2	
C04	3	2					2		3			2
C05	3	2	3		3	2	3			3	2	3
Average	3	2.40	2.33	2.00	2.50	2.00	2.33	3.00	3.00	2.33	2.00	2.33
Attainment	0.89	0.71	0.69	0.59	0.74	0.59	0.69	0.89	0.89	0.69	0.59	0.69

20020800	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	2	2	3	2		2	2		3	2
C02	2	3		3						2	2	
C03	3		3				3			3	1	2
C04	2	2		2				2	3			1
C05	2	2	3		3		3	3	3		2	3
Average	2.40	2.50	2.67	2.33	3.00	2.00	3.00	2.33	2.67	2.50	2.00	2.00
Attainment	0.67	0.70	0.75	0.65	0.84	0.56	0.84	0.65	0.75	0.70	0.56	0.56

20021000	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	3	3	2	3	2	2	2	3	3	3
C02	3	3	2	2	2	3	2	1	2	3	3	2
C03	3	3	3	3	2	2	2	2	3	3	3	1
C04	3	3	3	3	3	3	3	3	3	3	3	3
C05	3	3	3	2	3	3	3	3	3	2	3	2
Average	3	3.00	2.80	2.60	2.40	2.80	2.40	2.20	2.60	2.80	3.00	2.20
Attainment	2.58	2.58	2.41	2.24	2.06	2.41	2.06	1.89	2.24	2.41	2.58	1.89



Faculty of Basic and Applied Sciences				Program: B.Sc. (Hons.) Agriculture				
Academic Session 2020-2021								
Course Outcome Attainment								
Sem I								
Sr. No.	Course code	Course Name	CO1	CO2	CO3	CO4	CO5	Average CO attainment
1	20000100	Principles of Agronomy and Meteorology	2.88	2.46	2.91	2.44	2.9	2.72
2	20000300	Introduction to Soil Science	1.963	1.94	1.51	1.51	2	1.77
3	20000500	Elementary Genetics	1.52	1.98	1.52	1.52	2	1.71
4	20000700	Statistical Methods	2.46	2.42	2.43	3	3	2.66
5	20000800	Introduction to Horticulture	1.51	1.5	1.52	1.52	2	1.61
6	200001000	Principle of Agricultural Economic	1.7	1.53	1.56	2	2	1.75
7	99002200	Business Communication	2.88	3.84	2.46	2.47	2	3.8
Sem. III								
1	20012400	Soil and Water Conservation	1.97	2	2	2	2	1.99
2	20012800	Agro-Informatics	0.94	0.89	0.94	0.92	1	0.94
3	20013000	Farm Machinery and Power	0.94	0.89	0.94	0.76	1	0.91
4	20013200	Production Technology of Vegetables	0.78	0.58	0.58	0.58	0.78	0.66
5	20014000	Agriculture Heritage and Human Values Ethics	1.55	1.55	1.52	1.52	2	1.63
6	20013600	Fundamentals of Plant Pathology	1.06	1.12	1.98	1.55	2	1.54

7	20013800	Livestock & Poultry Production	2.9	2.88	1.56	2	2.9	2.49
8	20012600	Agriculture Finance & Cooperation	2	1.53	2	1.53	2	1.81
9	20012200	Crop Production Technology	1	0.94	0.89	0.92	1	0.95
10	20012400	Fundamentals of Plant Physiology	1.55	1.53	1.57	1.98	2	1.73
Sem. IV								
1	20014200	Crop Production Technology	0.89	0.92	0.92	0.76	1	0.89
2	20014400	Production Technology for Ornamentals	0.92	0.89	0.78	0.78	1	0.87
3	20014800	Problematic Soils and their Management	0.77	0.58	0.74	0.63	0.92	0.73
4	20014600	Renewable Energy and Green Technology	0.89	0.9	0.92	0.76	1	0.89
5	20015100	Principles of Seed Technology	0.76	0.89	0.94	0.92	1	0.9
6	20015500	Agriculture Marketing Trade and Price	1.98	2	1.55	1.55	2	1.82
7	20015700	Fundamentals of Agriculture Extension Education	1.52	1.57	1.55	1.52	2	1.63
8	20015300	Plant Biotechnology	1.57	1.98	2	2	2	1.91
9	20014900	Production Technology of Fruits and Vegetables	0.89	0.94	0.89	0.92	1	0.92



Sem. V								
1	20017200	Pest of Crop & SGM	2	1.55	1.52	1.52	2	1.72
2	20017400	Diseases of Field & Horticultural Crops	1.52	1.57	1.53	2	2	1.72
3	20017600	Crop Improvement	0.81	0.76	0.98	0.76	1	0.86
4	20017800	Food safety & Standards	1.52	1.52	2	1.55	2	1.72
5	20018300	IPR	0.81	0.78	1	0.78	1	0.87
6	20016800	Principles of Integrated Pest Management	1.52	1.55	1.53	1.52	2	1.62
7	20018000	Bio-pesticide and Bio-fertilizers	1.52	2	1.97	1.52	2	1.8
8	20017000	Manure, Fertilizer & Soil Fertility Management	1.12	1.55	1.08	1.1	1.55	1.27
Sem. VI								
1	20019300	Rainfed Agriculture & Watershed Management	0.81	0.89	0.76	1	1	0.89
2	20019500	Protected Cultivation	0.8	0.89	0.9	1	1	0.91
3	20019700	DFHCM	0.76	0.78	0.94	1	1	0.89
4	20020300	Crop Improvement	0.89	0.78	0.81	0.78	1	0.85
5	20019900	Post Harvest Management	0.78	0.76	0.89	0.76	1	0.84
6	20020600	Principles of Organic farming	0.76	0.92	0.76	0.76	1	0.84
7	20020100	Management of Beneficial Insects	0.94	0.89	0.81	0.81	1	0.89
8	20020800	Farm Management, Production and BE	0.9	0.76	0.78	0.76	1	0.84
9	20021000	Principles of Food Science & Nutrition	1.52	2	1.53	1.53	2	1.72
10	20021800	Agricultural Journalism	1.97	2	1.53	1.98	2	1.89

Faculty of Basic and Applied Sciences Program: B.Sc. (Hons.) Agriculture Academic Session 2020-2021

Course Outcome Attainment

Sr. No.	Course code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	20000100	Principles of Agronomy and Meteorology	2.72	2.36	2.18	2.54	2.36	1.99	2.18	1.99	2.36	1.99	2.18	2.18
2	20000300	Introduction to Soil Science	2.66	2.30	2.30	1.95	2.12	1.95	1.77	1.95	2.66	1.77	2.12	2.66
3	20000500	Elementary Genetics	2.22	2.39	2.14	2.00	2.00	1.92	2.14	2.00	2.05	2.28	1.92	2.14
4	20000700	Statistical Methods	1.95	2.13	1.95	2.13	2.31	2.31	2.13	2.31	2.13	2.13	1.95	2.31
5	20000800	Introduction to Horticulture	1.93	1.77	1.93	2.21	1.88	1.88	1.61	1.61		2.01	1.61	1.61
6	200001000	Principle of Agricultural Economic	2.46	2.11	2.05	1.76	1.76	1.76	2.20	1.98	1.76	1.76	1.76	2.20
7	99002200	Business Communication	1.85	1.55	1.93	1.55	1.55	2.01		1.70	1.85	2.16	1.85	2.32
8	20012400	Soil and Water Conservation	2.79	2.39	2.19	2.49	2.39	2.59	2.39	2.19	2.59	2.19	2.19	
9	20012800	Agro-Informatics	0.81	0.78	0.84	0.84	0.88	0.71	0.86	0.78	0.78	0.71	0.88	0.88
10	20013000	Farm Machinery and Power	0.85	0.67	0.67	0.73	0.91	0.85	0.61	0.55	0.91	0.61	0.55	0.73
11	20013200	Production Technology of Vegetables	0.66	0.57	0.35	0.44	0.44	0.40	0.39	0.39	0.44	0.44	0.39	0.39
12	20014000	Agriculture Heritage and Human Values Ethics	2.12	2.24	2.17	1.96	2.04	1.83	1.90	1.90	2.04	1.90	2.04	2.17
13	20013600	Fundamentals of Plant Pathology	1.54	1.54	1.54	1.54	1.13	1.33	1.44	1.13	1.23	1.33	1.23	1.33

14	20013800	Livestock & Poultry Production	1.83	2.08	2.08	2.21	2.21	2.28	2.08	1.87	1.87	1.66	2.16	2.28
15	20012600	Agriculture Finance & Cooperation	2.49	2.04	1.81	2.04	1.58	1.51	1.21	1.36	1.21	1.21	1.51	1.36
16	20012200	Crop Production Technology	0.89	0.74	0.74	0.87	0.87	0.84	0.71	0.74	0.63	0.95	0.95	0.79
17	20012400	Fundamentals of Plant Physiology	2.25	2.08	2.16	1.95	2.02	1.95	2.16	2.31	2.08	2.31	2.16	2.16
18	20014200	Crop Production Technology	0.82	0.74	0.69	0.79	0.89	0.79	0.69	0.69	0.40	0.89	0.89	0.79
19	20014400	Production Technology for Ornamentals	1.96	2.26	1.96	2.18	2.18	1.96	1.96	1.96	2.03	2.03	1.74	1.96
20	20014800	Problematic Soils and their Management	1.02	1.10	0.80	0.88	0.73	0.73	0.88	0.91	0.88	0.73	0.73	1.10
21	20014600	Renewable Energy and Green Technology	2.31	2.14	1.78	2.00	1.78	1.56	1.48	1.78	1.56	1.42	1.78	1.56
22	20015100	Principles of Seed Technology	2.16	2.16	2.25	2.40	2.40	2.25	2.25	2.40	2.16	2.40	2.48	2.25
23	20015500	Agriculture Marketing Trade and Price	2.50	2.43	2.12	1.52	1.59	1.52	1.37	1.37	1.52	1.37	1.82	1.82
24	20015700	Fundamentals of Agriculture Extension Education	2.45	2.04	1.83	1.83	1.22	1.36	0.82	1.09	1.09	1.22	1.09	1.09
25	20015300	Plant Biotechnology	2.87	1.91	2.87	1.91	1.91	2.87	2.87	1.91	2.39	2.87	2.23	2.87
26	20014900	Production Technology of Fruits and Vegetables	2.79	2.79	2.79	2.79	2.23	2.23	2.60	2.79	2.42	2.23	2.60	2.42
27	20017200	Pest of Crop & SGM	2.41	2.15	2.15	2.01	1.94	1.72	2.01	2.01	1.94	2.01	1.72	2.01

28	20017400	Diseases of Field & Horticultural Crops	2.58	2.37	2.37	2.37	2.37	1.94	1.72	2.01	2.01	2.37	2.29	2.01	2.58
29	20017600	Crop Improvement	0.63	0.75	0.72	0.76	0.76	0.86	0.79	0.72	0.67	0.69	0.76	0.65	0.65
30	20017800	Food safety & Standards	1.73	1.61	1.61	1.50	1.50	1.50	1.73	1.61	1.50	1.61	1.61	1.73	1.73
31	20018300	IPR	0.75	0.73	0.77	0.58	0.58	0.68	0.68	0.58	0.73	0.77	0.80	0.80	0.75
32	20016800	Principles of Integrated Pest Management	2.11	2.16	2.03	2.16	2.23	2.23	2.16	1.82	1.82	1.89	2.43	2.43	2.03
33	20018000	Bio-pesticide and Bio-fertilizers	2.70	2.34	2.25	1.80	2.52	2.52	2.34	2.52	2.16	2.34	2.34	2.52	2.70
34	20017000	Manure, Fertilizer & Soil Fertility Management	1.91	1.78	1.27	1.65	1.27	1.27	1.27	1.59	1.27	1.78	1.27	1.40	1.91
35	20019300	Rainfed Agriculture & Watershed Management	0.89	0.65	0.71	0.83	0.65	0.65	0.65	0.71	0.59	0.83	0.65	0.59	0.89
36	20019500	Protected Cultivation	0.85	0.81	0.83	0.68	0.76	0.91	0.71	0.71	0.68	0.76	0.91	0.71	0.83
37	20019700	DFHCM	0.83	0.89	0.82	0.71	0.71	0.74	0.49	0.49	0.49	0.79	0.79	0.74	0.79
38	20020300	Crop Improvement	0.62	0.74	0.71	0.76	0.85	0.78	0.71	0.66	0.66	0.68	0.76	0.64	0.64
39	20019900	Post Harvest Management	0.84	0.67	0.67	0.67	0.50	0.56	0.37	0.42	0.42	0.42	0.47	0.49	0.56
40	20020600	Principles of Organic farming	0.67	0.65	0.70	0.75	0.65	0.77	0.77	0.56	0.56	0.63	0.63	0.65	0.63
41	20020100	Management of Beneficial Insects	0.89	0.71	0.69	0.59	0.74	0.59	0.69	0.89	0.89	0.89	0.69	0.59	0.69
42	20020800	Farm Management, Production and BE	0.67	0.70	0.75	0.65	0.84	0.56	0.84	0.65	0.65	0.75	0.70	0.56	0.56
43	20021000	Principles of Food Science & Nutrition	2.58	2.58	2.41	2.24	2.06	2.41	2.06	2.06	1.89	2.24	2.41	2.58	1.89

