



2.6.2

CO-PO Attainment

B. Tech (CSE)

(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. Tech. (CS)

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	19007800	Database Management	3	2.45	3
2	19007400	Microprocessor	3	2.63	3
3	19007600	Analysis and DA	3	2.26	3
4	19008400	PHP & My SQL	3	2.45	3
5	19008200	Core Java	3	2.45	3
6	19008000	Computer Graphics	3	2.72	3

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

Attachment: Calculation sheet of CO attainment from TR.

Remarks:

19007400	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3		3	2	3	2	2	2			2	3
CO2	3	2	2		3	3						3
CO3			2		2				2			
CO4	2	2	2	2		3			2			3
CO5	3		3		3		3	3		3	3	2
Average	2.75	2.00	2.40	2.00	2.75	2.67	2.50	2.50	2.00	3.00	2.50	2.75
Attainment	2.41	1.75	2.10	1.75	2.41	2.34	2.19	2.19	1.75	2.63	2.19	2.41

19007600	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3			2	3	3		3				3
CO2	3	2	3		3					2	3	3
CO3	2	2	3	2		3			2		2	
CO4			2			3				2	3	3
CO5	2			3				2	3	3		2
Average	2.50	2.00	2.67	2.33	3.00	3.00		2.50	2.50	2.33	2.67	2.75
Attainment	1.88	1.51	2.01	1.76	2.26	2.26		1.88	1.88	1.76	2.01	2.07



19007800	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3		2		3			3	2		3
C02	3	2	2	3		3				2		3
C03	2	2		3	2				2		2	
C04		2		2		3			3	2		3
C05	2		3		3		3	3			3	2
Average	2.50	2.25	2.50	2.50	2.50	3.00	3.00	3.00	2.67	2.00	2.50	2.75
Attainment	2.04	1.84	2.04	2.04	2.04	2.45	2.45	2.45	2.18	1.63	2.04	2.25

11018200	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3		2	2	3	3		3		2		3
C02	2	2	2		3	2				2	3	3
C03	2	2	3	2	2	3			2	2	2	3
C04			2		2			2		3	3	3
C05	3	3		3		2		3	3		2	
Average	2.50	2.33	2.25	2.33	2.50	2.50		2.67	2.50	2.25	2.50	3.00
Attainment	2.04	1.91	1.84	1.91	2.04	2.04		2.18	2.04	1.84	2.04	2.45

19008000	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3		2		2			2	2		3
C02	2	3	3		2			2		2	3	3
C03	2					2			3			3
C04	2	2		2		3			3	2		3
C05		2	3		3		3	3			3	2
Average	2.25	2.50	3.00	2.00	2.50	2.33	3.00	2.50	2.67	2.00	3.00	2.80
Attainment	2.04	2.27	2.72	1.81	2.27	2.12	2.72	2.27	2.42	1.81	2.72	2.54

19008400	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3		2				2	2		2	3
C02	3	2	3	3	2	3	2		2	3	3	
C03	2		2			3	2	2	3	2		3
C04		2	2	2	2	2					2	3
C05	2			3			3	3	2	3		2
Average	2.50	2.33	2.33	2.50	2.00	2.67	2.33	2.33	2.25	2.67	2.33	2.75
Attainment	2.04	1.91	1.91	2.04	1.63	2.18	1.91	1.91	1.84	2.18	1.91	2.25



Faculty of Basic and Applied Sciences

B.Tec. (CSE)

CO Attainment Report

Session 2020-21, VI Semester, July, 2021

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	19008800	Theory of Computation	3	2.81	3
2	19009000	NET Technology	3	2.63	3
3	19009300	Data Base Management with MySQL	3	2.63	3
4	19009200	Engineering Economics	3	2.63	3
5	19009500	Cloud Computing	4	3.42	4
6	19009600	Software verification and Validation	1	1.0	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:

19008800	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3		2	2	3	3		3		2		3
CO2	2	2			3	2		2		2	3	
CO3		2	3	2	2	3			2	2	2	3
CO4	2		2		2			2		3	3	3
CO5	3	3		2			3		3		2	2
Average	2.50	2.33	2.33	2.00	2.50	2.67	3.00	2.33	2.50	2.25	2.50	2.75
Attainment	2.34	2.19	2.19	1.87	2.34	2.50	2.81	2.19	2.34	2.11	2.34	2.58

19009000	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3		2		2			2	2		3
CO2		3	3		2			2		2	3	3
CO3	2					2			3	3		
CO4	2	2		2		3			3	2		3
CO5			3	2	3		3	3			2	2
Average	2.33	2.67	3.00	2.00	2.50	2.33	3.00	2.50	2.67	2.25	2.50	2.75
Attainment	2.05	2.34	2.63	1.75	2.19	2.05	2.63	2.19	2.34	1.97	2.19	2.41



19009200	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3		2		3			3	2		3
C02	3		2	3		3				2		3
C03	2	2			2				2		2	
C04		2		2		3			3	2		3
C05	3		3		3		2	2			3	2
Average	2.67	2.33	2.00	2.33	2.00	3.00	2.00	2.00	2.67	2.00	2.00	3.00
Attainment	2.34	2.05	1.75	2.05	1.75	2.63	1.75	1.75	2.34	1.75	1.75	2.63

19009300	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	2			3	3	3	3	3	3	
C02	2	2		2	3	3		3		3		3
C03	2		2	3					3		3	
C04		3	2	2	3					3	3	3
C05	2					3	2	2	3			3
Average	2.25	2.67	2.00	2.33	3.00	3.00	2.50	2.67	3.00	3.00	3.00	3.00
Attainment	1.97	2.34	1.75	2.05	2.63	2.63	2.19	2.34	2.63	2.63	2.63	2.63

19009500	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	2	2						2		3
C02	3		2	3	3	3	3		3		2	
C03	3	3		2	3	3		2	3	3		3
C04		2	3	2		3	3	3	3	3	3	3
C05	2				2		2	3		2	2	
Average	2.75	2.67	2.33	2.25	2.67	3.00	2.67	2.67	3.00	2.50	2.33	3.00
Attainment	2.35	2.28	2.00	1.92	2.28	2.57	2.28	2.28	2.57	2.14	2.00	2.57

19009600	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3		3	2	3		2	2			2	3
C02	3	2	2		3	3						
C03					2				2			
C04	2	3	2	3		3			2			3
C05	2	3		3	3		3	2	3	3	3	2
Average	2.5	2.67	2.33	2.67	2.75	3.00	2.50	2.00	2.33	3.00	2.50	2.67
Attainment	1.25	1.33	1.17	1.33	1.38	1.50	1.25	1.00	1.17	1.50	1.25	1.33



Faculty of Basic and Applied Sciences

B. Tech. (CS)

CO Attainment Report

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

S. No.	Code	Course	Target CO Level	Achieved CO Attainment Level	Target CO Attainment for Next Year
1	19010600	Multimedia Technology	3	2.54	3
2	19010900	Data warehouse & Data mining	4	2.71	4
3	19011100	Network Security	3	2.45	3
4	19010500	Compiler construction	3	2.36	3
5	19010700	Artificial Intelligence	4	2.81	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:

19010500	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3		2		3	3	3	3	3	2	3
C02	3		3	2	3	2	2	3		2		3
C03		2	2		3						3	
C04	2	2	3	2	3				3	3	3	3
C05	2			3		3	3	2	2		2	2
Average	2.00	2.00	3.00	2.50	3.00	3.00	3.00	2.00	2.50	3.00	2.50	2.50
Attainment	1.57	1.57	2.36	1.97	2.36	2.36	2.36	1.57	1.97	2.36	1.97	1.97

19010700	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	3	2			3		3		2	3
C02	2	3		3	3		3	3	2	3	3	3
C03	2		2		2	3			3		3	
C04		2	3		2		3	2	3	2	3	3
C05	3			3		3		3		3		2
Average	2.50	2.67	2.67	2.67	2.33	3.00	3.00	2.67	2.75	2.67	2.75	2.75
Attainment	1.76	1.87	1.87	1.87	1.64	2.11	2.11	1.87	1.93	1.87	1.93	1.93



19010600	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	3	2			3	3	3	3	2	3
C02	3			3	2		3	3	2	3		3
C03	2	2	2		3	3					3	
C04		2	3	2	2	3	3	2	3	2	3	3
C05	3			3		2				3		2
Average	2.75	2.33	2.67	2.50	2.33	2.67	3.00	2.67	2.67	2.75	2.67	2.75
Attainment	2.33	1.98	2.26	2.12	1.98	2.26	2.54	2.26	2.26	2.33	2.26	2.33

19010900	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	3	2	2		3	3	3		3		3
C02	2		3		3	2	2	3	3	2	3	3
C03	2	2		2	3				2	3	3	3
C04		3	3	2	3					3	3	
C05	3					3	2	2	3			2
Average	2.50	2.67	2.67	2.00	3.00	2.67	2.33	2.67	2.67	2.75	3.00	2.75
Attainment	1.69	1.81	1.81	1.36	2.03	1.81	1.58	1.81	1.81	1.86	2.03	1.86

19011100	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012
C01	3	2	3	2			3	3		3	2	3
C02	2	3			2		3	3	2	3	2	3
C03	3		2	3	2	3			3		3	3
C04		2	3	2	3	3		3	3	2	3	
C05	2	2		2			3					3
Average	2.50	2.25	2.67	2.25	2.33	3.00	3.00	3.00	2.67	2.67	2.50	3.00
Attainment	2.04	1.84	2.18	1.84	1.91	2.45	2.45	2.45	2.18	2.18	2.04	2.45



Faculty of Basic and Applied Sciences
Program: B.Tech. (Computer Science)
Academic Session 2020-2021

Course Outcome Attainment

Sem V

Sr. No.	Course code	Course Name	CO1	CO2	CO3	CO4	CO5	Average CO attainment
1	19007800	Database Management	2.44	2.01	2.43	2.45	2.9	2.45
2	19007400	Microprocessor	2.91	2.9	2.45	2	2.9	2.63
3	19007600	Analysis and DA	1.98	2.44	2.01	2	2.9	2.26
4	19008400	PHP & My SQL	2.89	2.02	2.45	2	2.9	2.45
5	19008200	Core Java	2.91	2	2.46	2	2.9	2.45
6	19008000	Computer Graphics	2.9	2.46	2.91	2.46	2.9	2.72

Sem VI

1	19008800	Theory of Computation	2.9	2.44	2.9	2.9	2.9	2.81
2	19009000	NET Technology	2.91	2.9	2.45	1.98	2.9	2.63
3	19009300	Data Base Management with MySQL	2.91	2.91	2	2.44	2.9	2.63
4	19009200	Engineering Economics	2.91	2.91	2	2.44	2.9	2.63
5	19009500	Cloud Computing	3.25	2.91	3.78	3.35	3.8	3.42
6	19009600	Software verification and Validation	1	1	0.94	1	1	1

Sem. VIII

1	19010600	Multimedia Technology	2	1.99	2.91	2.9	2.9	2.54
2	19010900	Data warehouse & Data mining	2.44	2.44	2.45	2.43	3.8	2.71
3	19011100	Network Security	2.88	2	2.46	1.99	2.9	2.45
4	19010500	Compiler construction	1.99	2.01	2.9	1.99	2.9	2.36
5	19010700	Artificial Intelligence	2.45	2.43	2.89	2.46	3.8	2.81



Program: B.Tech. (Computer Science)			Program Outcome Attainment					Academic Session 2020-2021						
Sr. No.	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	19007800	Database Management	2.04	1.84	2.04	2.04	2.04	2.45	2.45	2.45	2.18	1.63	2.04	2.25
2	19007400	Microprocessor	2.41	1.75	2.10	1.75	2.41	2.34	2.19	2.19	1.75	2.63	2.19	2.41
3	19007600	Analysis and DA	1.88	1.51	2.01	1.76	2.26	2.26		1.88	1.88	1.76	2.01	2.07
4	19008400	PHP & MySQL	2.04	1.91	1.91	2.04	1.63	2.18	1.91	1.91	1.84	2.18	1.91	2.25
5	19008200	Core Java	2.04	1.91	1.84	1.91	2.04	2.04		2.18	2.04	1.84	2.04	2.45
6	19008000	Computer Graphics	2.04	2.27	2.72	1.81	2.27	2.12	2.72	2.27	2.42	1.81	2.72	2.54
7	19008800	Theory of Computation	2.34	2.19	2.19	1.87	2.34	2.50	2.81	2.19	2.34	2.11	2.34	2.58
8	19009000	NET Technology	2.05	2.34	2.63	1.75	2.19	2.05	2.63	2.19	2.34	1.97	2.19	2.41
9	19009300	Data Base Management with MySQL	1.97	2.34	1.75	2.05	2.63	2.63	2.19	2.34	2.63	2.63	2.63	2.63
10	19009200	Engineering Economics	2.34	2.05	1.75	2.05	1.75	2.63	1.75	1.75	2.34	1.75	1.75	2.63
11	19009500	Cloud Computing	2.35	2.28	2.00	1.92	2.28	2.57	2.28	2.28	2.57	2.14	2.00	2.57
12	19009600	Software verification and Validation	1.25	1.33	1.17	1.33	1.38	1.50	1.25	1.00	1.17	1.50	1.25	1.33
13	19010600	Multimedia Technology	2.33	1.98	2.26	2.12	1.98	2.26	2.54	2.26	2.26	2.33	2.26	2.33
14	19010900	Data warehouse & Data mining	1.69	1.81	1.81	1.36	2.03	1.81	1.58	1.81	1.81	1.86	2.03	1.86
15	19011100	Network Security	2.04	1.84	2.18	1.84	1.91	2.45	2.45	2.45	2.18	2.18	2.04	2.45
16	19010500	Compiler construction	1.57	1.57	2.36	1.97	2.36	2.36	2.36	1.57	1.97	2.36	1.97	1.97
17	19010700	Artificial Intelligence	1.76	1.87	1.87	1.87	1.64	2.11	2.11	1.87	1.93	1.87	1.93	1.93

Faculty of Basic and Applied Sciences

B. Sc. (Biotechnology)

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	13007700	Genetics	4	2.45	4
2	13028300	Basic Instruments Skills	2	1.83	2
3	13008700	Plant Physiology & Metabolism	4	2.55	4
4	13001300	Chemistry III	4	2.99	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:

13001300	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	2	1	2	2	2	2	2	1	3
C02	3	3	2	2		2	2	2	2	2	1	1
C03	3	3	2	2	2	2	3	2	2	2		2
C04	3	3	2	2	3	2	2	3	2	2	3	3
C05	3	3	2	2	2	2	1	1	2	2	3	2
Average	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.20
Attainment	2.24	2.24	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.64

13028300	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	2	3	2	2	2	2	2	2	2
C02	3	3	2	2	3	1	2	2	2	1	2	2
C03	3	3	1	2	3	3		2	2	3	2	3
C04	3	3	3	3	3	3	2	2	3	3	2	3
C05	3	3	3	3	2	3	3	3	3	3	3	3
Average	3.00	3.00	2.20	2.40	2.80	2.40	2.25	2.20	2.40	2.40	2.20	2.60
Attainment	2.75	2.75	2.01	2.20	2.56	2.20	2.06	2.01	2.20	2.20	2.01	2.38

13008700	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	2		2	2	2	2	2		2
C02	3	3	2	2		2	2	2	2	2		3
C03	3	3	2	2		2	3	1	2	2	2	2
C04	3	3	2	2		2	1	3	2	2	2	2
C05	3	3	2	2	2	2	2	3	2	2	3	2
Average	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.20	2.00	2.00	2.33	2.20
Attainment	1.91	1.91	1.28	1.28	1.28	1.28	1.28	1.40	1.28	1.28	1.49	1.40

13007700	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3	2	2		2	2	2	2	2	1	2
C02	3	3	2	2		2	2	2	2	2	1	2
C03	3	3	2	2		3	2	2	2	3	2	3
C04	3	3	3	3	2	3	2	2	3	3	2	3
C05	3	3	3	3	2	3	2	2	3	3	2	3
Average	3.00	3.00	2.40	2.40	2.00	2.60	2.00	2.00	2.40	2.60	1.60	2.60
Attainment	1.84	1.84	1.47	1.47	1.23	1.59	1.23	1.23	1.47	1.59	0.98	1.59

