



# GREAT GANGES INSTITUTE OF TECHNOLOGY

Affiliated to C.S.J.M. University, Kanpur (College Code - UN51)

## CO attainment Computation

Great Ganges Institute of Technology has used the following procedure to implement the mapping of CO with PO.

Example: B.B.A.

Step 1: For every subject 3-7 Course outcome has been defined and mapped to specific programme outcome on a scale of 0 to 3:

Great Ganges Institute of Technology, Unnao																
<b>Program :</b>		Bachelor of Computer Application														
<b>Session :</b>		2022-23					<b>Sem :</b> First									
<b>Course Code :</b>		B.C.A.					<b>Subject Code:</b> BCA-1001									
<b>Faculty Name :</b>		Mr. Manvendra Singh					<b>Dept :</b> Computer									
<b>PO Mapping Correlation →</b>		Blank = No Correlation					1 = Low			2 = Moderate			3 = High			
Course Outcomes		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2	
Statement of Course Outcome	COx	Equip themselves to potentially rich & employable field of computer applications.	Pursue higher studies in the area of Computer Science/Applications.	Take up self-employment in Indian & global software market.	Meet the requirements of the industrial standards											
Familiar with parts of computer	CO-1	2	2	3	2											
Understand the input and output devices	CO-2	3	3	2	3											
Basic ideas of storage devices, computer Networks and Operating System	CO-3	3	2	3	3											
	CO-4															
	CO-5															
Subject_Code_CO_Mapping	Average	2.666667	2.33	2.667	2.667	#DIV/0!	####	####	####	####	####	####	####	####	####	



Step2: Maximum marks and targeted marks has been allotted to each internal and external:

Great Ganges Institute of Technology, Unnao							
B.B.A. Odd Sem 2022-23							
Computation of Course Outcomes (COs)							
Subject Code :		F010101T	Program :		B.B.A.		
Subject Name :		Business Economics	Session :		2022-23		
S. No.	University Roll No	Student Name	Data of Direct (Internal) Assessment		Data of Direct (External) Assessment		Remarks, if any
			MM =	6	MM =	10	
			Marks Obt.	Per cent	Marks	Per cent	
1	290307	RIDDHI GAUR	0	0	0	0	
2	242255	ANURAG BAJPAI	6	100	8	80	
3	238683	AAYUSHI	6	100	6	60	
4	377420	ABHAY SINGH	0	0	0	0	
5	239605	ABHINESH SINGH	0	0	0	0	
6	248516	ABHISHEK PAL	0	0	0	0	
7	233417	ADARSH MISHRA	6	100	7	70	
8	360785	ADARSH TRIVEDI	0	0	0	0	
9	250213	ADITYA	0	0	0	0	
10	237505	ADITYA CHAUDHARI	0	0	0	0	
11	241519	ADITYA KUMAR	0	0	0	0	
12	234483	ADITYA PATEL	0	0	0	0	
13	255445	ADITYA SINGH	0	0	0	0	
14	240085	ADITYA SRIVASTAVA	0	0	0	0	
15	378906	ADITYARAJ CHANDEL	0	0	0	0	
16	294166	ANURAG SINGH	6	100	8	80	
17	358842	AGRIMA SINGH	6	100	8	80	
18	241487	AKASH KUMAR	6	100	5	50	
19	271053	AKASH VIMAL	6	100	6	60	



Step 3: Co attainment value has been calculated on the basis of mapping and assessment:

Great Ganges Institute of Technology, Unnao							
B.C.A. Odd Sem 2022-23							
Computation of Course Outcomes (COs)							
Subject Code :		BCA-1001	Program :		B.C.A.		
Subject Name :		Computer Fundament	Session :		2022-23		
S. No.	University Roll No	Student Name	Data of Direct (Internal)		Data of Direct (External)		Remarks, if any
			MM =	25	MM =	75	
Computation of Course Outcome :			Marks Obt.	Per cent	Marks	Per cent	
			Int.		Ext		
Total Students				91		72	
Target Marks				20		45	
No of Students securing Target Marks				76		36	
cent of Students securing Target Marks				83.5		50.0	
Attainment Level				3		2	
Weightage		CO-Attainment					
1	Direct	Direct (Internal)	3				
0	Indirect	Direct (External)	2				
0.2	Direct (Internal)	Indirect					
0.8	Direct (External)	CO-Attainment Value	2.20				
Green Cells - Input Value							
Observations / Reasons for Less CO-Attainment							
1							
2							
3							
4							
5							
Measures to be Taken to improve CO-Attainment further							
1							
2							
3							

Step4: Programme attainment can be calculated on the basis of CO:

Great Ganges Institute of Technology, Unnao															
Program :		Bachelor of Computer Application			Sem :		First								
Session :		2022-23			Course Code :		BCA			Subject Code BCA-1001					
Faculty Name :		Mr. Manvendra Singh			Dept :		Computer Application								
PO Mapping Correlation →		Blank = No Correlation			1 = Low		2 = Moderate			3 = High					
PO-Attainment of Course Code =>		PO Attainment													
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2
CO-PO Mapping Value (Average)		2.667	2.333	2.6666667	2.667	#DIV/0!	#####	#####	#####	#####	#####	#####	#####	#####	#####
CO-Attainment Value		2.20													
Check the value of CO-attainment and paste the same value (of CO-attainment) in CO-PO Mapped Cells (non-zero)															

