

CO-PO Attainment Sheet As calculated by Departments
Nahata Jogendranath Mondal Smriti Mahavidyalaya
Department :Bengali (BNGA)

Sl. No.	Registration No	Name	SEMESTER 1								SEMESTER 2			
			CC1				CC2				CC3			
			Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage
1	1272011101005	RAJDIP ROY	19	36	55	73.3	21	30	51	68.0	21	32	53	70.7
2	1272021101007	SUPARNA MONDAL	20	36	56	74.7	21	33	54	72.0	20	33	53	70.7
3	1272021101008	SANGITA SARKAR	20	33	53	70.7	21	34	55	73.3	20	33	53	70.7
4	1272021101010	KANKANA BISWAS	21	31	52	69.3	23	30	53	70.7	22	33	55	73.3
5	1272021101011	PARAMA ROY	17	32	49	65.3	21	32	53	70.7	20	34	54	72.0
6	1272021401012	SAMPA CHAKRABORTY	21	34	55	73.3	22	32	54	72.0	22	32	54	72.0
7	1272021101013	SHARBANI SARKAR	20	31	51	68.0	21	31	52	69.3	20	34	54	72.0
8	1272021101014	SATHI SARKAR	19	34	53	70.7	20	34	54	72.0	20	34	54	72.0
9	1272021101015	SOUMITA BISWAS	22	33	55	73.3	21	30	51	68.0	21	31	52	69.3
10	1272021401018	SOUMITA CHATTERJEE	19	36	55	73.3	21	30	51	68.0	21	33	54	72.0
11	1272021101019	PRITILATA DAS	20	32	52	69.3	21	32	53	70.7	21	31	52	69.3
12	1272021101020	RIYA BAR	18	32	50	66.7	21	30	51	68.0	21	34	55	73.3
13	1272021101021	ANINDITA SARKAR	22	33	55	73.3	22	34	56	74.7	20	35	55	73.3
14	1272021151022	MADUPARNA BISWAS	21	32	53	70.7	20	32	52	69.3	21	35	56	74.7
15	1272021101023	NITA SAMADDAR	21	35	56	74.7	22	34	56	74.7	20	35	55	73.3
16	1272021601024	RIYA GHOSH	22	33	55	73.3	22	34	56	74.7	20	30	50	66.7
17	1272021601025	AISWARYA GHOSH	22	31	53	70.7	22	34	56	74.7	22	32	54	72.0
18	1272021101026	SONALI MONDAL	23	34	57	76.0	22	32	54	72.0	21	34	55	73.3
19	1272021101028	NUPUR BISWAS	22	33	55	73.3	21	30	51	68.0	21	32	53	70.7
20	1272021401030	DIPIKA SHOSH	20	35	55	73.3	21	35	56	74.7	21	31	52	69.3
21	1272011101031	UJJAL BISWAS	18	35	53	70.7	21	30	51	68.0	21	33	54	72.0
22	1272021101098	SANGITA HIRA	19	35	54	72.0	22	32	54	72.0	21	29	50	66.7
TOTAL			464	769			490	735			478	752		
AVERAGE			21.1	35.0			22.3	33.4			21.7	34.2		
AVERAGE PERCENTAGE			84.4	69.9			89.1	66.8			86.9	68.4		

				SEMESTER 3											
CC4				CC5				CC6				CC7			
Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage
20	35	55	73.3	21	26	47	62.7	20	25	45	60.0	22	30	52	69.3
20	30	50	66.7	21	30	51	68.0	21	28	49	65.3	23	34	57	76.0
21	35	56	74.7	22	28	50	66.7	21	31	52	69.3	23	34	57	76.0
22	27	49	65.3	23	37	60	80.0	20	28	48	64.0	24	34	58	77.3
23	31	54	72.0	21	30	51	68.0	21	29	50	66.7	22	34	56	74.7
23	35	58	77.3	20	34	54	72.0	20	26	46	61.3	23	35	58	77.3
22	30	52	69.3	22	34	56	74.7	21	28	49	65.3	22	30	52	69.3
21	28	49	65.3	21	30	51	68.0	20	27	47	62.7	22	32	54	72.0
21	30	51	68.0	21	30	51	68.0	21	29	50	66.7	22	34	56	74.7
22	34	56	74.7	22	34	56	74.7	20	29	49	65.3	22	31	53	70.7
22	33	55	73.3	23	34	57	76.0	20	33	53	70.7	22	33	55	73.3
23	28	51	68.0	23	30	53	70.7	21	34	55	73.3	21	32	53	70.7
23	37	60	80.0	23	35	58	77.3	22	37	59	78.7	24	36	60	80.0
22	35	57	76.0	22	30	52	69.3	20	33	53	70.7	21	33	54	72.0
22	33	55	73.3	21	28	49	65.3	20	30	50	66.7	22	30	52	69.3
21	36	57	76.0	24	32	56	74.7	21	26	47	62.7	23	34	57	76.0
23	33	56	74.7	23	30	53	70.7	20	29	49	65.3	23	34	57	76.0
23	30	53	70.7	22	28	50	66.7	21	33	54	72.0	20	34	54	72.0
20	35	55	73.3	20	31	51	68.0	20	31	51	68.0	23	33	56	74.7
23	32	55	73.3	21	34	55	73.3	20	31	51	68.0	23	32	55	73.3
22	36	58	77.3	21	28	49	65.3	20	27	47	62.7	20	30	50	66.7
20	33	53	70.7	22	30	52	69.3	21	33	54	72.0	22	28	50	66.7
502	751			502	714			472	688			510	750		
22.8	34.1			22.8	32.5			21.5	31.3			23.2	34.1		
91.3	68.3			91.3	64.9			85.8	62.5			92.7	68.2		

SEMESTER 4												SEMESTER 5			
CC8				CC9				CC10				CC11			
Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage
22	33	55	73.3	20	34	54	72.0	21	36	57	76.0	19	26	45	60.0
23	36	59	78.7	22	36	58	77.3	21	39	60	80.0	21	20	41	54.7
22	35	57	76.0	23	37	60	80.0	22	37	59	78.7	18	16	34	45.3
23	37	60	80.0	23	37	60	80.0	21	36	57	76.0	21	23	44	58.7
23	34	57	76.0	23	38	61	81.3	22	32	54	72.0	22	24	46	61.3
23	36	59	78.7	23	37	60	80.0	21	36	57	76.0	21	29	50	66.7
23	35	58	77.3	23	38	61	81.3	20	36	56	74.7	22	18	40	53.3
22	34	56	74.7	23	38	61	81.3	22	35	57	76.0	20	20	40	53.3
21	37	58	77.3	20	32	52	69.3	22	32	54	72.0	19	20	39	52.0
22	35	57	76.0	23	38	61	81.3	22	38	60	80.0	21	26	47	62.7
23	33	56	74.7	23	36	59	78.7	20	34	54	72.0	21	20	41	54.7
23	36	59	78.7	23	38	61	81.3	22	39	61	81.3	21	30	51	68.0
23	38	61	81.3	23	37	60	80.0	24	40	64	85.3	22	22	44	58.7
22	30	52	69.3	23	37	60	80.0	21	38	59	78.7	17	16	33	44.0
21	32	53	70.7	22	36	58	77.3	21	35	56	74.7	20	23	43	57.3
23	36	59	78.7	23	38	61	81.3	22	34	56	74.7	20	23	43	57.3
23	36	59	78.7	22	36	58	77.3	21	40	61	81.3	21	31	52	69.3
23	34	57	76.0	23	38	61	81.3	22	33	55	73.3	18	22	40	53.3
22	32	54	72.0	20	32	52	69.3	19	34	53	70.7	21	24	45	60.0
23	34	57	76.0	23	38	61	81.3	20	34	54	72.0	22	27	49	65.3
22	30	52	69.3	22	36	58	77.3	23	37	60	80.0	21	23	44	58.7
22	33	55	73.3	21	34	55	73.3	20	33	53	70.7	20	23	43	57.3
517	788			514	833			491	822			469	530		
23.5	35.8			23.4	37.9			22.3	37.4			21.3	24.1		
94.0	71.6			93.5	75.7			89.3	74.7			85.3	48.2		
SEMESTER 6												SEMESTER 6			
CC12				DSE 1				DSE 2				CC13			
Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage
22	20	42	56.0	21	27	48	64.0	29	21	50	66.7	21	25	46	61.3
19	38	57	76.0	21	27	48	64.0	20	26	46	61.3	21	26	47	62.7
21	31	52	69.3	20	23	43	57.3	20	18	38	50.7	18	24	42	56.0
20	37	57	76.0	22	32	54	72.0	22	28	50	66.7	22	6	28	37.3
20	29	49	65.3	21	28	49	65.3	19	24	43	57.3	22	24	46	61.3
21	35	56	74.7	21	34	55	73.3	19	30	49	65.3	22	28	50	66.7
21	24	45	60.0	22	28	50	66.7	22	23	45	60.0	21	25	46	61.3
19	22	41	54.7	21	25	46	61.3	19	20	39	52.0	21	30	51	68.0
21	33	54	72.0	18	31	49	65.3	19	25	44	58.7	18	29	47	62.7
20	34	54	72.0	21	27	48	64.0	21	27	48	64.0	22	24	46	61.3
20	32	52	69.3	21	28	49	65.3	22	26	48	64.0	22	31	53	70.7
21	24	45	60.0	21	26	47	62.7	22	27	49	65.3	22	26	48	64.0
21	34	55	73.3	21	35	56	74.7	22	29	51	68.0	23	29	52	69.3
16	18	34	45.3	16	29	45	60.0	19	20	39	52.0	18	20	38	50.7
17	32	49	65.3	18	29	47	62.7	19	17	36	48.0	20	20	40	53.3
20	34	54	72.0	22	31	53	70.7	20	26	46	61.3	21	26	47	62.7
21	32	53	70.7	20	34	54	72.0	21	29	50	66.7	21	28	49	65.3
15	18	33	44.0	19	26	45	60.0	17	27	44	58.7	21	26	47	62.7
19	30	49	65.3	17	23	40	53.3	18	18	36	48.0	19	23	42	56.0
20	27	47	62.7	22	21	43	57.3	22	26	48	64.0	22	25	47	62.7
20	20	40	53.3	21	23	44	58.7	21	26	47	62.7	21	25	46	61.3
17	32	49	65.3	18	23	41	54.7	18	29	47	62.7	18	29	47	62.7
452	666			465	633			473	560			478	572		
20.5	30.3			21.1	28.8			21.5	25.5			21.7	26.0		
82.2	60.5			84.5	57.5			86.0	50.9			86.9	52.0		

CC14				DSE 3				DSE 4			
Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage	Internal	External	Course Total	Percentage
21	20	41	54.7	21	38	59	78.7	21	26	47	62.7
21	23	44	58.7	21	34	55	73.3	21	33	54	72.0
18	20	38	50.7	20	30	50	66.7	18	28	46	61.3
22	26	48	64.0	22	32	54	72.0	22	32	54	72.0
22	32	54	72.0	22	32	54	72.0	22	31	53	70.7
22	25	47	62.7	22	35	57	76.0	22	35	57	76.0
22	24	46	61.3	21	28	49	65.3	22	25	47	62.7
21	20	41	54.7	21	29	50	66.7	21	26	47	62.7
18	30	48	64.0	18	29	47	62.7	18	28	46	61.3
22	29	51	68.0	22	31	53	70.7	22	34	56	74.7
22	25	47	62.7	22	31	53	70.7	22	30	52	69.3
22	20	42	56.0	22	31	53	70.7	22	28	50	66.7
23	31	54	72.0	22	36	58	77.3	22	33	55	73.3
18	21	39	52.0	18	28	46	61.3	18	22	40	53.3
20	26	46	61.3	20	32	52	69.3	20	28	48	64.0
21	24	45	60.0	21	30	51	68.0	21	33	54	72.0
21	23	44	58.7	21	32	53	70.7	21	31	52	69.3
21	28	49	65.3	21	30	51	68.0	21	30	51	68.0
19	26	45	60.0	19	30	49	65.3	19	28	47	62.7
22	21	43	57.3	22	29	51	68.0	22	34	56	74.7
21	24	45	60.0	21	27	48	64.0	21	24	45	60.0
19	25	44	58.7	19	29	48	64.0	18	34	52	69.3
480	569			480	713			478	681		
21.8	25.9			21.8	32.4			21.7	31.0		
87.3	51.7			87.3	64.8			86.9	61.9		

INTERNAL			EXTERNAL		
TOTAL	AVERAGE	AVERAGE PERCENTAGE	TOTAL	AVERAGE	AVERAGE PERCENTAGE
382	21.2	84.9	520	28.9	57.8
377	20.9	83.8	562	31.2	62.4
368	20.4	81.8	527	29.3	58.6
395	21.9	87.8	546	30.3	60.7
383	21.3	85.1	550	30.6	61.1
388	21.6	86.2	588	32.7	65.3
387	21.5	86.0	522	29.0	58.0
373	20.7	82.9	518	28.8	57.6
361	20.1	80.2	543	30.2	60.3
385	21.4	85.6	570	31.7	63.3
387	21.5	86.0	554	30.8	61.6
389	21.6	86.4	545	30.3	60.6
402	22.3	89.3	611	33.9	67.9
353	19.6	78.4	509	28.3	56.6
366	20.3	81.3	535	29.7	59.4
387	21.5	86.0	560	31.1	62.2
388	21.6	86.2	575	31.9	63.9
373	20.7	82.9	537	29.8	59.7
359	19.9	79.8	525	29.2	58.3
389	21.6	86.4	546	30.3	60.7
377	20.9	83.8	514	28.6	57.1
357	19.8	79.3	544	30.2	60.4

COURSE OUTCOME ATTAINMENT												
Department :Bengali (BNGA)												
Sl. No.	COURSE CODE	INTERNAL AVERAGE (I)	EXTERNAL AVERAGE (A)	DIRECT (D) = (I+E)/2	STUDENTS	% OF STUDENTS SECURE MARKS > THRESHOLD MARKS I.E 50%	DIRECT ATTAINMENT LEVEL (A)	INDIRECT AVERAGE	INDIRECT ATTAINMENT LEVEL (B)	CO ATTAINMENT (80% A +20% B)	ATTAINMENT TARGET	ATTAINMENT (Y/N)
1	BNGACC1	84.4	69.9	77.1	22	100	3	71.6	3	3	3	Y
2	BNGACC2	89.1	66.8	78.0	22	100	3	70.5	3	3	3	Y
3	BNGACC3	86.9	68.4	77.6	22	100	3	76.1	3	3	3	Y
4	BNGACC4	91.3	68.3	79.8	22	100	3	76.1	3	3	3	Y
5	BNGACC5	91.3	64.9	78.1	22	100	3	76.1	3	3	3	Y
6	BNGACC6	85.8	62.5	74.2	22	100	3	76.1	3	3	3	Y
7	BNGACC7	92.7	68.2	80.5	22	100	3	70.5	3	3	3	Y
8	BNGACC8	94.0	71.6	82.8	22	100	3	65.9	2	2.8	3	N
9	BNGACC9	93.5	75.7	84.6	22	100	3	75.0	3	3	3	Y
10	BNGACC10	89.3	74.7	82.0	22	100	3	76.1	3	3	3	Y
11	BNGACC11	85.3	48.2	66.7	22	90.9	3	73.9	3	3	3	Y
12	BNGACC12	82.2	60.5	71.4	22	90.9	3	65.9	2	2.8	3	N
13	BNGACC13	86.9	52.0	69.5	22	95.5	3	70.5	3	3	3	Y
14	BNGACC14	87.3	51.7	69.5	22	100	3	76.1	3	3	3	Y
15	BNGADSE1	84.5	57.5	71.0	22	100	3	69.3	2	2.8	3	N
16	BNGADSE2	86.0	50.9	68.5	22	90.9	3	71.6	3	3	3	Y
17	BNGADSE3	87.3	64.8	76.0	22	100	3	71.6	3	3	3	Y
18	BNGADSE4	86.9	61.9	74.4	22	100	3	76.1	3	3	3	Y

POLICY FOR CALCULATION OF CO LEVELS (DIRECT & INDIRECT)	
% OF STUDENTS SECURE MARKS >THRESHOLD MARKS i.e., 50%	DIRECT ATTAINMENT LEVEL (A)
70% and more	
60% or more and less than 70%	
50% or more and less than 60%	
Below 50%	

NUMBER OF COs MAPPED TO POs

Department :Bengali (BNGA)

SL. NO.	COURSE NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	CO Attainment
1	BNGACC1	1	1	0	0	0	0	0	0	3
2	BNGACC2	0	1	0	0	0	0	0	0	3
3	BNGACC3	0	0	0	0	1	0	0	0	3
4	BNGACC4	0	1	0	0	0	0	0	0	3
5	BNGACC5	0	0	1	0	0	0	0	0	3
6	BNGACC6	0	1	0	0	1	0	0	0	3
7	BNGACC7	1	1	0	0	0	0	0	0	3
8	BNGACC8	1	1	0	0	0	0	0	0	2.8
9	BNGACC9	1	1	0	0	0	0	0	0	3
10	BNGACC10	0	1	1	0	0	0	0	0	3
11	BNGACC11	0	0	0	0	0	1	0	0	3
12	BNGACC12	0	0	0	0	0	1	0	0	2.8
13	BNGACC13	0	0	0	0	0	0	0	1	3
14	BNGACC14	0	1	0	1	0	0	0	0	3
15	BNGADSE1	0	1	0	0	0	0	0	0	2.8
16	BNGADSE2	1	1	0	0	0	0	0	0	3
17	BNGADSE3	0	1	0	0	0	0	0	0	3
18	BNGADSE4	0	0	0	0	0	0	1	0	3
	TOTAL	5	12	2	1	2	2	1	1	
	PO ATTAINED									

Direct PO 1 Score	Direct PO 2 Score	Direct PO 3 Score	Direct PO 4 Score	Direct PO 5 Score	Direct PO 6 Score	Direct PO 7 Score	Direct PO 8 Score
3	3	0	0	0	0	0	0
0	3	0	0	0	0	0	0
0	0	0	0	3	0	0	0
0	3	0	0	0	0	0	0
0	0	3	0	0	0	0	0
0	3	0	0	3	0	0	0
3	3	0	0	0	0	0	0
2.8	2.8	0	0	0	0	0	0
3	3	0	0	0	0	0	0
0	3	3	0	0	0	0	0
0	0	0	0	0	3	0	0
0	0	0	0	0	2.8	0	0
0	0	0	0	0	0	0	3
0	3	0	3	0	0	0	0
0	2.8	0	0	0	0	0	0
3	3	0	0	0	0	0	0
0	3	0	0	0	0	0	0
0	0	0	0	0	0	3	0
14.8	35.6	6	3	6	5.8	3	3
2.96	2.97	3.00	3.00	3.00	2.90	3.00	3.00

Attainment of Pos
Department :Bengali (BNGA)

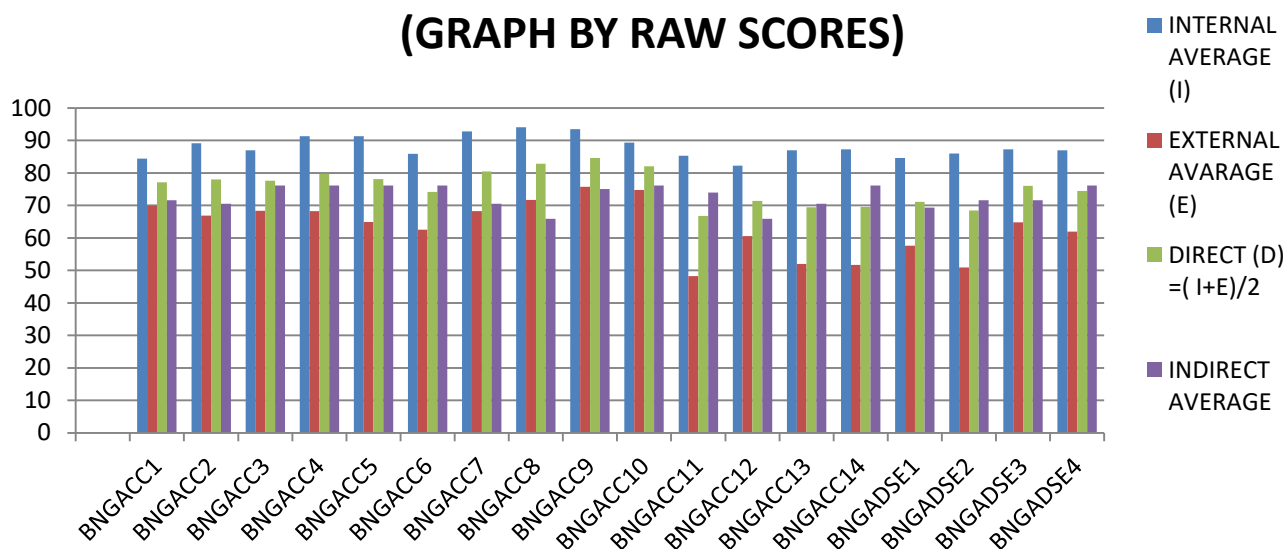
POs	DIRECT PO SCORE	DIRECT PO LEVEL ATTAINED (A)	INDIRECT PO SCORE	INDIRECT PO LEVEL ATTAINED (B)	PO ATTAINMENT (80% A +20% B)
PO 1	2.96	5	2.35	4	5
PO 2	2.97	5	2.32	4	5
PO 3	3.00	5	2.39	4	5
PO 4	3.00	5	2.25	4	5
PO 5	3.00	5	2.35	4	5
PO 6	2.90	5	2.18	4	5
PO 7	3.00	5	2.28	4	5
PO 8	3.00	5	2.25	4	5

ATTAINMENT TARGET	ATTAINMENT (Y/N)
5	Y
5	Y
5	Y
5	Y
5	Y
5	Y
5	Y
5	Y

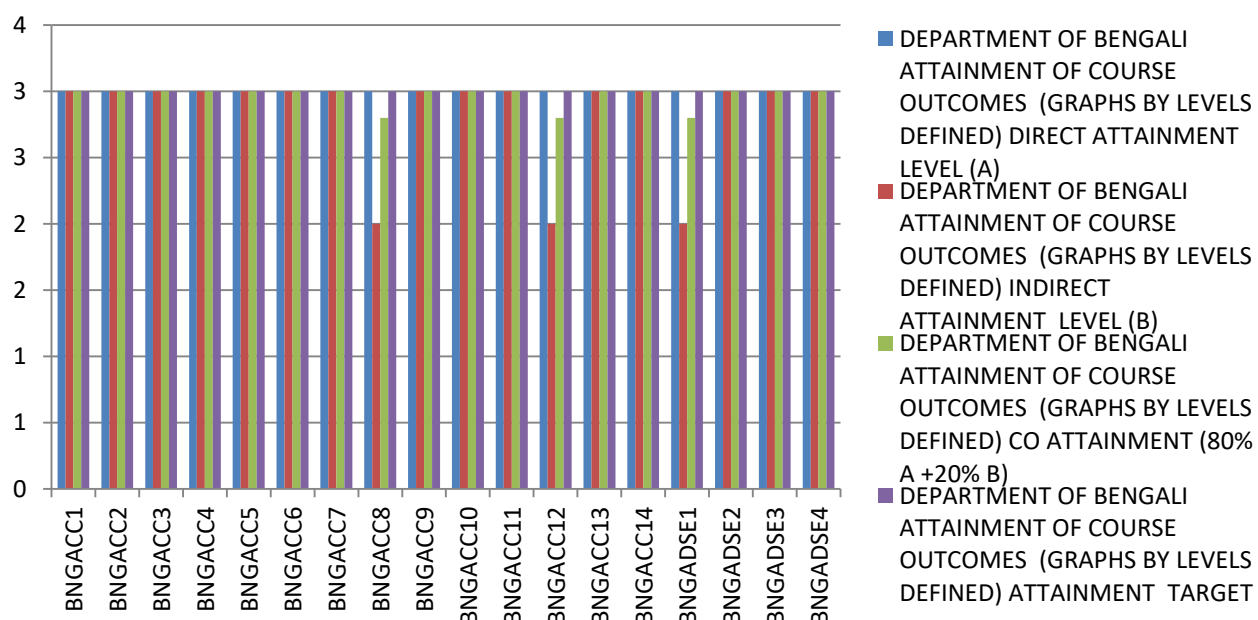
POLICY FOR CALCULATION OF PO LEVELS (DIRECT & INDIRECT)	
SCORE	LEVEL
0 -0.5	0
0.51 - 1	1
1.01 - 1.5	2
1.51 - 2.0	3
2.01 - 2.5	4
2.51 - 3.0	5
(INDIRECT)	

Values equal or more than the fraction of 0.5 in each case have been rounded off to the above whole number.

DEPARTMENT OF BENGALI : ATTAINMENT OF COURSE OUTCOMES (2021-2023) (GRAPH BY RAW SCORES)



DEPARTMENT OF BENGALI : ATTAINMENT OF COURSE OUTCOMES (2021- 2023) (GRAPHS BY LEVELS DEFINED)



DEPARTMENT OF BENGALI : ATTAINMENT OF POs (2021-23)

