



BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES AND COMMERCE
(Reaccredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University

Outcome Based Education
CO –PO Attainment

Under Graduation (2020-23)

Name of the Programme: B. Com (General)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	6	6	0	0
III	7	3	1	3
IV	7	5	1	1
V	6	3	2	1
VI	6	6	0	0

Name of the Programme: B. Com (Computers)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	5	5	0	0
III	7	7	0	0
IV	7	7	0	0
V	6	6	0	0
VI	6	6	0	0

Name of the Programme: B. Com (Honours)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	6	6	0	0
III	7	7	0	0
IV	7	7	0	0
V	5	5	0	0
VI	6	6	0	0

Name of the Programme: B. Com (Honours – Business Analytics)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	7	7	0	0
II	7	7	0	0
III	5	5	0	0
IV	6	6	0	0
V	4	4	0	0
VI	5	5	0	0

Name of the Programme: BBA				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	6	6	0	0
III	7	7	0	0
IV	7	7	0	0
V	12	12	0	0
VI	11	11	0	0

Name of the Programme: BA (Mass Communication, Economics, Political Science)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	5	1	0
II	6	6	0	0
III	7	5	1	1
IV	7	6	1	0
V	6	6	0	0
VI	5	5	0	0

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Name of the Programme: BCA				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	8	7	1	0
II	8	7	1	0
III	8	6	2	0
IV	8	6	2	0
V	8	7	1	0
VI	4	4	0	0

Name of the Programme: B.Sc (Mathematics, Statistics, Computer Science)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	6	6	0	0
III	7	7	0	0
IV	7	7	0	0
V	6	6	0	0
VI	6	6	0	0

Name of the Programme: B.Sc (Mathematics, Electronics, Computer Science)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	3	0	3
II	6	3	0	3
III	7	4	0	3
IV	7	4	0	3
V	6	4	0	2
VI	6	4	0	2

[Signature]
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Name of the Programme: B.Sc (Mathematics, Physics, Computer Science)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	5	1	0
II	6	6	0	0
III	7	5	0	2
IV	7	5	1	1
V	6	5	1	0
VI	6	5	1	0

Name of the Programme: B.Sc (Microbiology, Genetics, Chemistry)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	6	4	1	1
III	7	6	1	0
IV	7	6	1	0
V	6	5	1	0
VI	6	6	0	0

Name of the Programme: B.Sc (Microbiology, Biochemistry, Chemistry)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	5	1	0
II	6	4	1	1
III	7	5	0	2
IV	7	6	0	1
V	6	5	1	0
VI	6	6	0	0

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Name of the Programme: B.Sc (Biotechnology, Genetics, Chemistry)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	4	1	1
II	6	4	1	1
III	7	6	1	0
IV	7	6	1	0
V	6	5	0	1
VI	6	6	0	0

Name of the Programme: B.Sc (Microbiology, Nutrition, Chemistry)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	4	1	1
II	6	4	0	2
III	7	5	1	1
IV	7	5	0	2
V	6	4	4	1
VI	6	5	1	0

Post Graduation & MBA (2021-23)

Name of the Programme: M.Com				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	5	0	0	5
II	5	2	0	3
III	5	0	1	4
IV	5	1	0	4

Name of the Programme: M.Sc (Microbiology)				
Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	5	1	0
II	6	6	0	0
III	7	7	0	0
IV	7	6	1	0

26/10/2023


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Name of the Programme: M.Sc (Computers)

Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	7	7	0	0
II	7	6	1	0
III	7	7	0	0
IV	8	8	0	0

Name of the Programme: MBA

Semester	No of Courses	Number of Courses with		
		Attainment Level 3	Attainment Level 2	Attainment Level 1
I	6	6	0	0
II	6	6	0	0
III	12	12	0	0
IV	12	12	0	0



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Gap Analysis

Under Graduation (2020-23)

Name of the Programme: B.Com (General)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.01	1.71	1.65	1.47	2.34	1.98	2.14	2.76	1.87	1.21	1.62
Program Attainment	1.62	1.42	1.37	1.25	2.04	1.76	1.88	2.37	1.49	0.98	1.48
Gap	0.38	0.30	0.27	0.22	0.31	0.22	0.26	0.39	0.39	0.23	0.15

Name of the Programme: B.Com (General)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	1.91	1.61	1.61	1.51	2.27	1.95	2.22	2.66	1.75	1.35	1.76
Program Attainment	1.91	1.61	1.61	1.51	2.27	1.95	2.22	2.66	1.75	1.35	1.76
Gap	0	0	0	0	0	0	0	0	0	0	0


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Name of the Programme: B.Com (Honours)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.3	1.82	1.61	1.68	1.89	1.71	1.80	2.85	2.57	0.90	0.68
Program Attainment	2.3	1.82	1.61	1.68	1.89	1.71	1.80	2.85	2.57	0.90	0.68
Gap	0	0	0	0	0	0	0	0	0	0	0

Name of the Programme: B.Com (Honours) Business Analytics											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.45	2.33	2.21	1.97	1.79	1.67	1.87	2.39	2.45	2.05	1.53
Program Attainment	2.45	2.33	2.21	1.97	1.79	1.67	1.87	2.39	2.45	2.05	1.53
Gap	0	0	0	0	0	0	0	0	0	0	0

Name of the Programme: BBA											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.79	1.94	1.99	1.46	1.66	1.56	1.55	1.61	2.67	2.10	1.39
Program Attainment	2.79	1.94	1.99	1.46	1.66	1.56	1.55	1.61	2.67	2.10	1.39
Gap	0	0	0	0	0	0	0	0	0	0	0

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Name of the Programme: BA (Mass Communication, Economics, Political Science)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.95	2.77	2.88	2.58	2.43	2.48	2.3	2.72	2.76	2.65	2.55
Program Attainment	2.95	2.62	2.76	2.5	2.2	2.1	2.18	2.54	2.64	2.49	2.29
Gap	0.0	0.15	0.12	0.08	0.23	0.38	0.12	0.18	0.12	0.16	0.26

Name of the Programme: BCA											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.24	2.32	2.31	2.46	1.54	1.52	2.04	2.39	2.37	2.25	2.37
Program Attainment	2.12	2.20	2.20	2.35	1.46	1.45	1.93	2.27	2.25	2.15	2.26
Gap	0.12	0.12	0.12	0.11	0.08	0.07	0.11	0.12	0.12	0.10	0.11

Name of the Programme: B.Sc (Mathematics, Statistics, Computer Science)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.54	2.03	1.73	2.08	1.82	1.48	2.12	2.67	2.21	1.86	2.34
Program Attainment	2.54	2.03	1.73	2.08	1.82	1.48	2.12	2.67	2.21	1.86	2.34
Gap	0	0	0	0	0	0	0	0	0	0	0

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Name of the Programme: B.Sc (Mathematics, Electronics, Computer Science)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.28	1.85	1.65	1.89	1.77	1.51	2.25	2.62	2.11	1.35	2.17
Program Attainment	1.19	0.98	0.85	0.96	1.09	0.89	1.35	1.54	1.10	.66	1.14
Gap	1.09	0.87	0.80	0.93	0.69	0.62	0.90	1.08	1.01	0.69	1.04

Name of the Programme: B.Sc (Mathematics, Physics, Computer Science)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.23	1.47	0.94	1.41	1.53	1.32	1.60	2.11	2.17	1.54	1.54
Program Attainment	1.87	1.21	0.77	1.16	1.38	1.18	1.42	1.89	1.86	1.36	1.25
Gap	0.36	0.26	0.17	0.25	0.15	0.14	0.18	0.22	0.31	0.18	0.29

Name of the Programme: B.Sc (Microbiology, Genetics, Chemistry)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.23	2.09	2.09	1.96	1.98	1.87	2.14	2.54	1.95	1.52	1.44
Program Attainment	2.06	1.84	1.86	1.76	1.77	1.71	1.94	2.27	1.94	1.36	1.28
Gap	0.27	0.25	0.23	0.20	0.21	0.16	0.2	0.27	0.01	0.16	0.16

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Name of the Programme: B.Sc (Microbiology, Biochemistry, Chemistry)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.53	2.25	2.19	2.15	1.93	1.91	1.95	2.28	2.28	1.68	1.60
Program Attainment	2.21	1.95	1.90	1.90	1.71	1.69	1.75	2.03	2.04	1.42	1.37
Gap	0.32	0.30	0.29	0.25	0.22	0.22	0.20	0.25	0.24	0.26	0.23

Name of the Programme: B.Sc (Biotechnology, Genetics, Chemistry)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.34	2.12	2.10	1.85	1.97	1.76	2.16	2.57	1.87	1.67	1.49
Program Attainment	1.82	1.67	1.67	1.44	1.96	1.71	2.16	2.42	1.46	1.41	0.92
Gap	0.52	0.45	0.43	0.41	0.01	0.05	0	0.15	0.41	0.25	0.57


Name of the Programme: B.Sc (Microbiology, Nutrition, Chemistry)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.30	1.91	1.89	2.07	2.13	2.08	2.25	2.50	1.93	1.50	1.32
Program Attainment	1.95	1.89	1.15	1.95	1.95	1.95	1.95	1.95	1.89	1.18	1.18
Gap	0.35	0.02	0.74	0.12	0.18	0.13	0.30	0.55	0.04	0.32	0.14

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Post Graduation & MBA (2021-23)

Name of the Programme: M. Com											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.82	2.38	2.13	2.26	1.82	2.11	2.18	2.58	2.27	2.18	1.99
Program Attainment	0.94	1.62	0.73	0.71	0.58	0.7	0.7	0.86	0.76	0.73	0.67
Gap	1.88	1.62	1.4	1.55	1.24	1.41	1.48	1.72	1.51	1.45	1.32

Name of the Programme: M.Sc (Microbiology)											
	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.93	2.79	2.84	2.40	2.54	2.65	2.74	2.78	2.97	2.74	2.43
Program Attainment	2.90	2.77	2.82	2.37	2.53	2.62	2.71	2.76	2.94	2.70	2.40
Gap	0.03	0.02	0.02	0.03	0.01	0.03	0.03	0.02	0.03	0.04	0.03


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Name of the Programme: M.Sc (Computer Science)

	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.2	2.01	2.08	2.28	1.59	1.33	1.77	2.21	2.26	2.07	1.81
Program Attainment	2.16	2.0	2.05	2.25	1.56	1.30	1.74	2.09	2.22	2.03	1.77
Gap	0.04	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04

Name of the Programme: MBA

	Program Outcomes								Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Program Target	2.83	2.23	2.11	1.71	1.62	1.66	1.67	1.79	2.72	2.29	1.92
Program Attainment	2.83	2.23	2.11	1.71	1.62	1.66	1.67	1.79	2.72	2.29	1.92
Gap	0	0	0	0	0	0	0	0	0	0	0

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