

CRITERIA 2- TEACHING- LEARNING AND EVALUATION

KEY INDICATOR 2.6.2: ATTAINMENT OF POS AND COS ARE EVALUATED.

2.6.2 Evaluation of attainment of POs and COs.

Response:

Institutional vision and mission are aimed to disseminate academic and extra-academic knowledge to obtain a significant learning outcome. The programmes and courses are designed by the affiliating university. These are contemporary and useful for students in most cases. Their usefulness to students has been reflected in the students' feedback. One of the most important methods to evaluate the learning outcome of the students is to keep a record of their progression to higher studies and placements after completing graduation and/or Post Graduation. The PO and PSO are evaluated with the help of the CO of the respective programme.

Some direct and indirect methods are followed for evaluating attainment of POs/COs.

Direct assessment measures: We have adopted a student-centric method that includes

- a) Internal Assessment: Faculty members of Vivekananda Mahavidyalaya evaluate students apart from the end-semester examinations, following the guidelines laid down by the University. Every department conducts an internal examination consisting of Students' attendance (10%), internal assessment (1A) (10%), and tutorial examination (15%).
- b) Continuous Internal Evaluation: In addition, Vivekananda Mahavidyalaya also conducts continuous internal evaluation through class tests, discussions, quiz programmes, students' seminars and project-based assignments, which help to gauge the course outcomes and provides opportunities to students for improvement.
- c) Critical Analysis of Results of End-semester Examinations: After the interpretation of the merit of the students, the level of attainment has been measured as follows:
 - ▶ Level 1: Attaining more than 60%
 - Level 2: Attaining between 50% and 60%
 - ▶ Level 3: Attaining less than 50%.

After identifying the academically weak students, departmental meetings are held to determine appropriate measures like arranging special classes for them.



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Indirect assessment measures: Feedback and Placement assistance

- Feedback form is provided to each outgoing student in the form of a questionnaire that facilitates improvement of the teaching-learning process,
- Placement Cell of the college regularly conducts placement drives for those students who want to pursue their professional goals in various reputed companies.
- College also motivates students to join free coaching for various competitive examinations, conducted by the District Administrative Office.
- Students' progression record (opting for higher studies or job) for each department reflects the course outcomes.
- Add-on courses are organized to assess learning outcomes meaningfully.



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Criterion: 2.6.2- Attainment of Programme Outcomes and Course Outcomes are evaluated by the Institution

Programme Outcome Attainment

Vivekananda Mahavidyalaya, Burdwan offers under graduate course in Science and Humanities and Post-graduate course in Chemistry. Performance of learners in different curricular and cocurricular activities is used as measure of Programme Outcome (PO) of different courses offered by the college. Various methods are used by the college depending on the nature of programme to measure the attainment level of Programme Outcomes of the learners. Some of these methods are listed below:

- Continuous internal assessment of students in terms of unit tests, home assignments, students' seminars to evaluate their subject knowledge.
- Participation of learners in quiz contest, debate, group discussion and their interaction with teachers during classes to assess their communication skills and critical thinking.

Indirect measure of Programme Outcome Attainment is done after completion of their courses, most of the students choose for higher studies. On the other hand, college provides placement assistance through placement assistance cell to the students who want to pursue their professional goals.

In addition, the attainment of Programme Outcomes is analyzed under the following scale:

Attainment Level 1: 0-25% students succeeded in the programme in the end examination Attainment Level 2: 26-49% students succeeded in the programme in the end examination Attainment Level 3: 50-74% students succeeded in the programme in the end examination Attainment Level 4: 75-100% students succeeded in the programme in the end examination



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Programme Name	Students Appeared	Students Passed	Pass percentage	Attainment Level
B.A. Honours	317	224	70.77	3
B.Sc. Honours	155	117	75.48	4
B.A. General	295	141	47.79	2
B.Sc. General	55	35	63.63	3
M.Sc. in	18	18	100.00	4
Chemistry				

YEAR- 2018

YEAR- 2019

Programme	Students	Students Passed	Pass percentage	Attainment
Name	Appeared			Level
B.A. Honours	312	305	97.75	4
B.Sc. Honours	181	178	98.34	4
B.A. General	236	213	90.25	4
B.Sc. General	53	51	96.22	4
M.Sc. in	14	14	100.00	4
Chemistry				

YEAR- 2020

Programme	Students	Students Passed	Pass percentage	Attainment
Name	Appeared			Level
B.A. Honours	574	531	92.51	4
B.Sc. Honours	266	259	97.37	4
B.A. General	392	392	100	4
B.Sc. General	77	77	100	4
M.Sc. in Chemistry	16	16	100	4



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Programme Name	Students Appeared	Students Passed	Pass percentage	Attainment Level
B.A. Honours	314	310	98.73	4
B.Sc. Honours	144	144	100	4
B.A. General	352	352	100	4
B.Sc. General	59	59	100	4
M.Sc. in Chemistry	13	13	100	4

YEAR- 2021

YEAR- 2022

Programme Name	Students Appeared	Students Passed	Pass percentage	Attainment Level
B.A. Honours	329	328	99.70	4
B.Sc. Honours	151	150	99.34	4
B.A. General	436	429	98.39	4
B.Sc. General	56	54	96.43	4
M.Sc. in Chemistry	8	8	100	4



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Course Outcome Attainment

Vivekananda Mahavidyalaya, Burdwan offers Under graduate courses in Science and Humanities and Post graduate course in Chemistry. Performance of learners in different curricular and cocurricular activities is used as measure of Course Outcome (CO) of different courses offered by the college. Various methods are used by the college depending on the nature of Programme to measure the attainment level of Course Outcomes of the learners.

- Continuous internal assessment of students in terms of unit tests, assignments, students' seminars to evaluate their subject knowledge.
- Involvement of students in project based works, field works, educational excursion to assess their capacity to investigate problems and subsequent development of solutions.
- Monitoring of learners based on their regularity and responsiveness in practical classes and their efficiency to handle different advanced equipments in laboratory.
- Learners' interest to use ICT techniques to acquire knowledge and skill on modern day tool usage.

In addition, the attainment of Course Outcomes is analyzed under the following scale:

Parameter – 1

Attainment Level 1: 0 - 25% students succeeded in the end examination

Attainment Level 2: 26 – 49% students succeeded in the end examination

Attainment Level 3: 50 - 74% students succeeded in the end examination

Attainment Level 4: 75% - 100% students succeeded in the end examination

Parameter – 2

Attainment Level 1: 0 -25% students succeeded in the end examination with First Class

Attainment Level 2: 26 - 49% students succeeded in the end examination with First Class

Attainment Level 3: 50 -74% students succeeded in the end examination with First Class

Attainment Level 4: 75 - 100% students succeeded in the end examination with First Class



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YEAR:2020-2021

Programme Code	Name of the Programme	Number of Students Appeared	Number of Students passed	Pass %	No. of First Class	%of First Class	Parameter 1 Attainment Level	Parameter 2 Attainment Level	Average Attainment
BNGH	B.A. in Bengali Honours	97	96	98.97	86	89.58	4	4	04
ENGH	B.A. in English Honours	104	92	88.46	51	55.43	4	3	3.5
GEOH	B.A.in Geography Honours	46	46	100	45	97.82	4	4	04
HISH	B.A. in History Honours	95	81	85.26	55	67.90	4	3	3.5
PLSH	B.A. in Pol.Sc Honours	83	83	100	67	80.72	4	4	04
SNSH	B.A. in Sanskrit Honours	75	67	89.33	40	59.70	4	3	3.5
PHIH	B.A. in Philosophy Honours	31	23	74.19	11	47.83	4	2	03
МСЈН	B.A. in Mass Com & Journalism	43	43	100	43	100	4	4	04
МТМН	B.SC. in Mathematics Honours	93	86	92.47	57	66.28	4	3	3.5
РНҮН	B.SC. in Physics Honours	24	24	100	24	100	4	4	04
СНЕН	B.SC. in Chemistry Honours	35	35	100	33	94.28	4	4	04
BOTH	B.SC. in Botany Honours	27	27	100	25	92.59	4	4	04
ZOOH	B.SC. in Zoology Honours	34	34	100	33	97.06	4	4	04
МСВН	B.SC. in Microbiology Honours	30	30	100	28	93.33	4	4	04
ECOH	B.SC. in Economics Honours	13	13	100	06	46.15	4	2	03
STSH	B.Sc. in Statistics Honours	10	10	100	08	80.00	4	4	04
	B.A. GENERAL	392	392	100	157	40.05	4	2	03
	B.Sc. GENERAL	77	77	100	54	70.13	4	3	3.5
	M.Sc. in Chemistry	20	20	100	20	100	4	4	04



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YEAR:2021-2022

Programme Code	Name of the Programme	Number of Students	Number of Students	Pass %	No. of First Class	%of First Class	Parameter 1 Attainment	Parameter 2 Attainment	Average Attainment
BNGH	B.A. in Bengali Honours	Appeared 46	passed 46	100	46	100	Level 4	Level 4	4
ENGH	B.A. in English Honours	67	64	95.5	63	98.43	4	4	4
GEOH	B.A in Geography Honours	27	27	100	27	100	4	4	4
HISH	B.A. in History Honours	50	49	98	44	89.80	4	4	4
PLSH	B.A. in Pol.Sc Honours	49	49	100	49	100	4	4	4
SNSH	B.A. in Sanskrit Honours	37	37	100	37	100	4	4	4
PHIH	B.A. in Philosophy Honours	12	12	100	10	83.33	4	4	4
МСЈН	B.A. in Mass Com & Journalism	26	26	100	22	84.62	4	4	4
МТМН	B.SC. in Mathematics Honours	43	43	100	43	100	4	4	4
РНҮН	B.SC. in Physics Honours	21	21	100	21	100	4	4	4
СНЕН	B.SC. in Chemistry Honours	21	21	100	21	100	4	4	4
BOTH	B.SC. in Botany Honours	07	07	100	06	85.71	4	4	4
ZOOH	B.SC. in Zoology Honours	22	22	100	22	100	4	4	4
МСВН	B.SC. in Microbiology Honours	20	20	100	20	100	4	4	4
ЕСОН	B.A. in Economics Honours	10	10	100	05	50	4	3	3.5
STSH	B.Sc. in Statistics Honours	06	06	100	06	100	4	4	4
	B.A. GENERAL	352	352	100	314	89.20	4	4	4
	B.Sc. GENERAL	59	59	100	42	71.19	4	3	3.5
	M.Sc. in Chemistry	16	16	100	16	100	4	4	4



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YEAR:2022-2023

Programme Code	Name of the Programme	Number of Students Appeared	Number of Students passed	Pass %	No. of First Class	%of First Class	Parameter 1 Attainment Level	Parameter 2 Attainment Level	Average Attainment
BNGH	B.A. in Bengali Honours	48	48	100	48	100	4	4	4
ENGH	B.A. in English Honours	66	66	100	66	100	4	4	4
GEOH	B.A in Geography Honours	38	38	100	38	100	4	4	4
HISH	B.A. in History Honours	56	55	98.21	55	100	4	4	4
PLSH	B.A. in Pol.Sc Honours	49	49	100	49	100	4	4	4
SNSH	B.A. in Sanskrit Honours	37	37	100	37	100	4	4	4
PHIH	B.A. in Philosophy Honours	13	13	100	13	100	4	4	4
МСЈН	B.A. in Mass Com & Journalism	22	22	100	22	100	4	4	4
МТМН	B.SC. in Mathematics Honours	42	42	100	42	100	4	4	4
РНҮН	B.SC. in Physics Honours	22	22	100	22	100	4	4	4
CHEH	B.SC. in Chemistry Honours	33	33	100	33	100	4	4	4
BOTH	B.SC. in Botany Honours	06	06	100	05	83.33	4	4	4
ZOOH	B.SC. in Zoology Honours	17	16	94.12	16	100	4	4	4
МСВН	B.SC. in Microbiology Honours	20	20	100	20	100	4	4	4
ECOH	B.SC. in Economics Honours	05	05	100	05	100	4	4	4
STSH	B.Sc. in Statistics Honours	06	06	100	06	100	4	4	4
	B.A. GENERAL	436	429	98.39	390	90.91	4	4	4
	B.Sc. GENERAL	56	54	96.43	54	100	4	4	4
	M.Sc. in Chemistry	12	12	100	12	100	4	4	4



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On a further attainment analysis, Course Outcomes (COs)of each course of the programme from the semester-I to semester – VI are mapped with Programme Outcomes (POs) of every programme and reviewed by a committee of senior faculties of the concerned programme before they are finalized. COs are mapped/correlated with POs is shown here in the following tables. For each course, attainment level of all course outcomes is arrived based on the students' performance in internal and external examinations (Direct Assessment), hence contributing for 80% in attainment calculation, whereas rest 20% attainment is calculated by the Teachers' assessment for a particular student through a questionnaire reflecting the POs of that particular programme (Indirect Assessment). Thus, the course outcome attainment is a combined result of direct and indirect assessment.



Attainment Evaluation of Programme Outcome (PO) & Course Outcome (CO)

Department: Philosophy (Hons.)

Sl.No	Name	Univ. Registration	Univ.Roll NO.	CGP A (A)	Average(75%0 f CGPA)	Teacher's Assessmen	Total Score
		No.			(Direct	t (out of	(D=B+C
					Method (B)	15) (Idirect)
						Method) ©	
1.	Ankita	20190113938	19011220002	7.94	55.8	11.16	66.96
	Basu		0				
2.	Bratati	20190101397	19011220006	7.5	52.5	10.50	63.00
	Baskey	9	0				
3.	Chaina	20190101398	19011220006	8	56.25	11.25	67.50
	Mistry	0	1				
4.	Hafija	20190101400	19011220008	8.17	57.53	11.51	69.04
	Khatun	6	7				
5.	Jhuma	20190101402	19011220010	8.61	60.83	12.17	72.10
	Garai	2	4				
6.	Joydip	20190101402	19011220010	8.28	58.35	11.67	70.02
	Sarkar	3	5				
7.	Prajeta	20190101408	19011220016	8.17	57.53	11.51	69.04
	Chatterjee	3	5				
8.	Reshma	20190101412	19011220020	8.22	57.9	11.58	69.48
	Chowdhur	2	5				
	y						
9.	Sk.Sabir	20190101420	19011220028	8.17	57.53	11.51	69.04
	Ahmed	3	8				
10.	Subhankar	20190101422	19011220031	8.44	59.55	11.91	71.46
	Lakshman	5	1				
11.	Sudeshna	20190101423	19011220031	8.06	56.70	11.34	68.04
	Mallick	3	9				
12.	Suparna	20190101425	19011220033	8.11	57.08	11.42	68.50
	Chatterjee	0	5				
13.	Titli	20190101427	19011220036	7.83	54.98	10.99	65.98
	Karmakar	7	2				



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Attainment Evaluation of Programme Outcome (PO) & Course Outcome (CO)

Department: ZOOLOGY(Hons.)

Sl.No.	Name	Univ. Registration No.	Univ.Roll NO.	CGPA (A)	Average(75%0f CGPA) (Direct Method (B)	Teacher's Assessment (out of 15) (Idirect Method) ©	Total Score (D=B+C)
1.	Debmalya Banerjee	201901015027	190312200033	7.61	53.33	10.67	63.99
2.	Debnarayan Chowdhury	201901015028	190312200034	7.78	54.60	10.92	65.52
3.	Haimanti Saha	201901015035	190312200041	9.17	65.03	13.00	78.03
4.	Ishani Roy	201901015040	190312200046	8.33	58.73	11.75	70.47
5.	Jharna Mandi	201901015041	190312200047	7.44	52.05	10.41	62.46
6.	Masuma Sultana	201901015055	190312200061	8.11	57.08	11.42	68.49
7.	Md. Azahar Hossain	201801034406	190312200063	8.44	59.55	11.91	71.46
8.	Md. Fariduddin	201901015057	190312200064	8.06	56.7	11.34	68.04
9.	Parimal Pandit	201901015068	190312200075	8.11	57.08	11.42	68.49
10.	Ratna Ghosh	201901015079	190312200085	No Result			
11.	Shiuli Mandi	201901015094	190312200099	8.56	60.45	12.09	72.54
12.	Simanta Ghosh	201901015098	190312200103	8.39	59.18	11.82	71.01
13.	Sk. Mahammad Ali	201901015102	190312200107	7.67	53.76	10.76	64.53
14.	Sourendu Chandra	201901015119	190312200124	8.39	59.18	11.84	71.01
15.	Subhasri Pramanik	201901015129	190312200136	9.11	64.58	12.92	77.49
16.	Sudipta Khan	201901015137	190312200144	9.11	64.58	12.92	77.49
17.	Sukriti Ranjan Dey	201901015141	190312200148	9.00	63.75	12.75	76.50



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Attainment Evaluation of Programme Outcome (PO) & Course Outcome (CO)

Department: Economics (H)

Academic Session:2022-2023

Sl.No ·	Name	Univ. Registration No.	Univ.Roll NO.	CGP A (A)	Average(75%0 f CGPA) (Direct Method (B)	Teacher's Assessmen t (out of 15) (Idirect Method) ©	Total Score (D=B+C)
1.	Gayatri Sharma	20200101520 0	20031220003 5	8.22	57.90	11.58	69.48
2.	S.K. Muntazir	20200101526 1	20031220009 2	8.06	56.70	11.34	68.04
3.	Sabyasach i Mondal	20190101382 1	20031220009 5	7.28	50.85	10.17	61.02
4.	Sk. Injamul Haque	20190100127 4	20031220012 4	7.67	53.78	10.76	64.54
5.	Swapnanil Dasgupta	20200101532 4	20031220015 8	8.33	58.73	11.75	70.48
6.	Sahil Halder	20200101426 2	20011220023 7	7.17	50.03	10.01	60.04



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Attainment Evaluation of Programme Outcome (PO) & Course Outcome (CO)Department: Mass-Com & JournalismAcademic Session:2022-23

Sl.No.	Name	Univ. Registration No.	Univ.Roll NO.	CGPA (A)	Average(75%0f CGPA) (Direct Method (B)	Teacher's Assessment (out of 15) (Idirect Method) ©	Total Score (D=B+C)
1.	Ankana Pal	202001014047	200112200019	8.5	56.63	11.33	67.96
2.	Antara Karak	202001014050	200112200022	8.17	57.53	11.51	69.04
3.	Anwesha Dey	202001014056	200112200028	8.22	57.90	11.58	69.48
4.	Arpita Das	202001014063	200112200035	8.83	62.47	12.50	74.97
5.	Debasmita Mondal	202001014100	200112200072	8.17	57.53	11.51	69.04
6.	Ishika Koner	202001014124	200112200096	8.06	56.7	11.34	68.04
7.	Megha Bhakat	202001014159	200112200131	8.11	57.08	11.42	68.50
8.	Murshed Rahaman	202001014181	200112200153	7.5	52.50	9.83	62.33
9.	Piya Halder	202001014199	200112200173	7.0	48.75	9.75	58.5
10.	Rohan Karmakar	202001014247	200112200221	6.94	48.30	9.66	57.96
11.	Rupam Dutta	202001014252	200112200226	7.72	54.15	10.83	64.98
12.	Sanchita Chatterjee	202001014271	200112200246	9.06	64.2	12.84	77.04
13.	Shreyasi Jash	202001014302	200112200277	8.78	62.10	12.42	74.52
14.	Sneha Samanta	202001014312	200112200287	8.33	58.73	11.75	70.48
15.	Soubantika Banerjee	202001014322	200112200297	8.33	58.73	11.75	70.48
16	Susmita Chatterjee	202001014362	200112200339	8.00	56.25	11.25	67.50
17.	Dipta Kumar Dey	202001056158	200112200369	8.11	57.08	11.42	68.50
18.	Ishita Datta	202001015479	200112400065	8.17	57.53	11.51	69.04
19.	Tithi Rani Ghosh	202001015633	200112400202	7.61	53.33	10.67	64.00



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Mapping/Co-relation Between Programme Outcome (PO)& Course Outcome (CO)

Department: Geography (H)

	CO Details		PO Details					
Sl. No.	Course Name	PO1 (Critical Thinking)	PO2 (Effective Communication)	PO 3 (Social Interaction)	PO4 (Effective Citizenship)	PO5 (Ethics)	PO6 (Laboratory Skills and Instrumentation)	PO10 (Environm ental awareness)
1	CC1-Geotec & Geomorphology	✓						 ✓
2	CC2-Carto technique	 ✓ 					✓	
3	CC3-Human Geo			✓				 ✓
4	CC4- Cartogram, Survey	✓		✓			✓	
5	CC5-climatology	 ✓ 					✓	 ✓
6	CC6- Statistical Method	✓					\checkmark	
7	CC7-Geo of India	 ✓ 			✓			✓
8	CC8-Economic Geography	✓			✓			
9	CC9-Regional Planning & Development	✓			 ✓ 	✓		
10	CC10-Env. Geo	 ✓ 	✓	✓	 ✓ 	 ✓ 	✓	✓
11	CC11-Research Methodology & Field Work	✓	✓	✓		~		√
12	CC!12-RS &GIS	 ✓ 					✓	 ✓
13	CC13- Geog raphical Thought	✓						
14	CC14-Disaster Management		✓	✓		✓		 ✓
15	DSE1- Cultural&Settlement Geo	√			~			
16	DSE2-Population Geography	✓		✓				 ✓
17	DSE3- Resource Geography	✓		✓		✓		 ✓
18	DSE4- Soil & Bio geography	✓		✓		✓	\checkmark	✓



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Mapping/Co-relation Between Programme Outcome (PO)& Course Outcome (CO)

Department: Chemistry (H)

Academic Session: 2022- 23

СО				РО				
Details				Details				
Sl. No.	Course Name	PO1 (Critical Thinking)	PO2 (Effective Communication)	PO 3 (Social Interaction)	PO4 (Effective Citizenship)	Po5 (Ethics)	PO6 (Laboratory Skills and Instrumentation)	PO10 (Environmental awareness)
1	Organic Chemistry I (Theo) Organic ChemistryI (Practical)	~					✓	
2	Physical Chemistry I (Theo) Physical Chem,(Prac.)	 ✓ 					\checkmark	
3	Inorganic Chem (Theo) Inorganic Chem (Prac)	 ✓ 					\checkmark	
4	Organic Chemistry II (theo) Organic Chemistry II(Prac)	✓					√	
5	Physical Chemistry II (Theo) Physical Chemistry II (Prac)	~					✓	
6	Inorganic Chemistry II (Theo) Inorganic Chemistry(Prac)	✓					~	
7	Organic Chemistry III (Theo) Organic Chemistry III (Prac)	~					✓	
8	IT skill in Chemistry or Basic analytical chemistry	 ✓ 					✓	
9	Physical Chemistry-III (Theo) Physical Chemistry III (Prac)	√					✓	
10	Inorganic Chemistry III (Theo) Inorganic Chemistry	~					~	
11	Organic Chemistry IV (Prac) Organic Chemistry IV (Theo)	~					✓	
12	Pharmaceutical Chemistry	 ✓ 					✓	
13	Inorganic Chemistry IV	 ✓ 					✓	
14	Compulsory Course	 ✓ 					✓	
15	Analytical Methods of Chemical Analysis	✓					✓	
16	Inorganic Chemistry V	✓					✓	
17	Physical Chemistry IV	✓					✓	
18	Green Chemistry	 ✓ 					\checkmark	✓
19	Inorganic Materials of Industrial Importance	✓	\checkmark				✓	



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Mapping/Co-relation Between Programme Outcome (PO)& Course Outcome (CO)

Department:MassCommunication&Journalism(H)

СО				РО				
Details				Details				
Sl. No.	Course Name	PO1 (Critical Thinking)	PO2 (Effective Communication)	PO 3 (Social Interaction)	PO4 (Effective Citizenship)	Po5 (Ethics)	PO6 (Laboratory Skills and Instrumentation)	PO10 (Environmental awareness)
1.	CC1-Introduction to Journalism	 ✓ 	✓			 ✓ 		✓
2,	CC2-Introducton to media and communication	✓	✓	√				✓
3.	CC3-Reporting &Editing for Print	 ✓ 	✓	 ✓ 	✓	✓	✓	✓
4.	CC4-Development of Media in India and Bengal	√	~	✓	~	~	✓	~
5.	CC5-Introduction to Broadcast Media- Radio	√	~	✓			✓	
6.	CC6-Introduction to Broadcast Media- Television	✓	✓	✓			✓	
7.	CC7- Advertising & Public Relations		✓	✓	✓		✓	
8.	CC8-Introduction to New Media	 ✓ 			✓	✓		
9.	CC9-Depelopment of Communication		✓	✓				
10.	CC10-Media Ethics and Law	 ✓ 			✓	✓		
11.	CC11-Global Media & Politics	 ✓ 			✓			
12.	CC12-Introduction to Film Studies	 ✓ 					✓	
13.	CC13-Rural Communication		✓	✓	✓			
14.	CC14-Media Industry and Management						✓	
15.	SEC-1 Development of Journalism	 ✓ 	✓			✓		
16.	SEC-2 Photography	 ✓ 					\checkmark	
17.	DSE-1 Communication Research and Method	~	~	~			✓	
18.	DSE-2 Corporate Social Responsibility		✓	 ✓ 		✓		
19,	DSE-4Community Outreach Programme		✓	✓	✓	✓		



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Mapping/Co-relation Between Programme Outcome (PO) & Course Outcome (CO)

Department : English (H)

CO Details				PO Details				
Sl. No.	Course Name	PO1 (Critical Thinking)	PO2 (Effective Communication)	PO 3 (Social Interaction)	PO4 (Effective Citizenship)	Po5 (Ethics)	PO6 (Laboratory Skills and Instrumentation)	PO10 (Environmental awareness)
1.	CC1-Indian Classical literature	 ✓ 						
2.	CC2-European Classical Literature	✓						
3.	CC3-Indian Writing in English	 ✓ 						
4.	CC4-British Poetry, Drama	 ✓ 						
5	CC5-American Literature	 ✓ 						
6.	CC6-Popular Literature	 ✓ 		✓		 ✓ 		
7.	CC7-British Poetry and Drama (17 th -18 th Century							
8.	CC8-British Literature (18 th century)	 ✓ 						
9.	CC9-British Romantic Literature	 ✓ 						✓
10.	CC10-British Literature (19 th Century)	 ✓ 						
11.	CC11-Women's Writing	 ✓ 				✓		
12.	CC12-British Literature (Early 20 th Century)	 ✓ 						
13.	CC13-Modern European Drama	 ✓ 						
14.	CC14-Postcolonial Literature	 ✓ 						
15.	DSE1- Modern Indian Writing in English Translation	✓						
16.	DSE-2 Partition Literature	 ✓ 		✓		✓		
17.	DSE3- Literary Theory	✓						
18.	DSE4-Literary Criticismm	✓						
19.	AECC-1 Environmental Studies	 ✓ 			✓			✓
20.	AECC-2 Communicative English	✓	✓					



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Mapping/Co-relation Between Programme Outcome (PO)& Course Outcome (CO)

Department : ZOOLOGY (H)

CO Data ila				PO Details				
Details Sl. No.	Course Name	PO1 (Critical Thinking)	PO2 (Effective Communication	PO 3 (Social Interaction)	PO4 (Effective Citizenship)	Po5 (Ethics)	PO6 (Laboratory Skills and Instrumentation)	PO10 (Environmental awareness)
1.	Non-Chordates I	✓						✓
2.	Ecology	 ✓ 		✓	✓	✓	✓	✓
3.	Non-Chordates II	 ✓ 						✓
4.	Cell Biology	✓					✓	
5	Chordates	✓						✓
6.	Animal Physiology:Controlli ng & Coordinating Systems	✓				~	✓	
7.	Fundamentals Of Biochemistry	 ✓ 					✓	
8.	Apiculture or Sericulture	✓					✓	✓
9.	Comparative Anatomy of Vertebrates	~						~
10.	Animal Physiology : Life Sustaining Systems	~					✓	
11.	Immunology	✓					\checkmark	
12.	Aquarium Fish Keeping	✓		✓			✓	✓
13.	Molecular Biology	 ✓ 					✓	
14.	Genetics	 ✓ 					✓	
15.	Animal Biotechnology	✓					✓	✓
16.	Parasitology	 ✓ 	✓		✓		 ✓ 	
17.	Developmental Biology	✓					 ✓ 	
18.	Evolutionary Biology	✓	✓	✓				
19.	Animal Behaviour	✓			✓	 ✓ 		✓
20.	Endocrinology	 ✓ 					✓	



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Feedback on Programme Outcomes (POs) and Course Outcomes (COs) from the Outgoing Students of Honourse Course and Suggestions Sought:

We, in every year at the end of the academic session, conduct a questionnaire survey among the outgoing students of Honourse Course on Programme Outcomes and Course Outcomes. In this way we try to know their views on it and also seek their suggestions to implement if possible. The questionnaire is supplied to them in the form of Google Form. After receiving their responses, IQAC and Academic Committee of Vivekananda Mahavidyalaya, Burdwan analyse all the responses and take necessary actions in this regard and let all the departments know about their actions and direct them to perform their duties in this way.



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Questionnaire Survey amongst the outgoing students on Programme Outcomes and Course Outcomes

Sample of questions in the session 2021-2022

Q.1 Name of the student:

Q.2 Session of admission:

Q.3 Course:

Q.4 Subject:

Q.5 Are you aware of the Programme Outcomes and Course Outcomes: Yes / No

Q.6 How do you come to know about the POs and COs? [You may tick more than one option]

From the college website/ From the Departmental notice board/ From the Central Library Notice Board/ From the Departmental teachers.

Q.7 Are you satisfied with the Course Outcomes? Pl. give your point below:

Satisfaction Level: 0 1 2 3 4 5 6 7 8 9 10

Q.8 Do you think that these outcomes are beneficial for the further higher studies?

Yes / No

Q.9 Have the teachers of your department made you understood all the course outcomes? Fully/ Partially

Q.10. What is your suggestion about how the course outcomes be improved?



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Programme Outcomes (POs) and Course Outcomes (Cos) Survey Report:

The following is one sample of report made from the result of questionnaire survey among the outgoing students on 2021-2022 on Programme Outcomes and Course Outcomes. The responses of the students on different questions are diagrammatically shown and analysed.

1. Are you aware of the Programme Outcomes and Course Outcomes? 145 responses

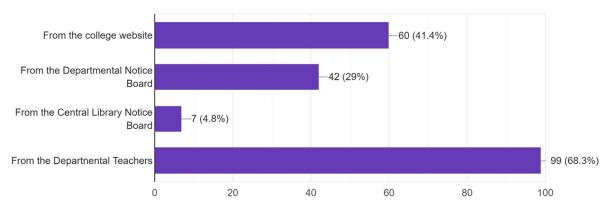
Yes
No

92.4%

92.4 % of the research participants are aware about the Programme Outcomes and Course Outcomes whereas only 7.6% of them are not aware about it. The unaware students were contacted and made informed about these two.



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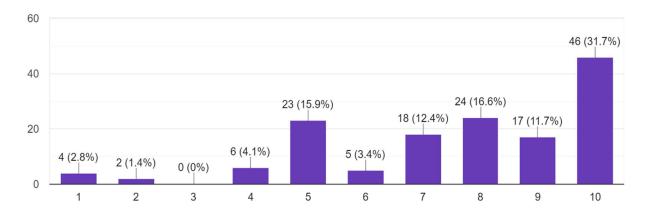


2. How do you come to know about the POs and Cos? [You may tick more than one option] 145 responses

Our students come to know about the POs and COs from various sources. However, 68.3% of the respondents come to know about it from the teachers of their respective departments. When they get admitted into the Honours course, teachers of their department make them acquainted with the Programme Outcomes and Course Outcomes as well. Detailed discussion on their Honours syllabus is accomplished in their first one-two classes by their departmental teachers.

Some students get informed about the POs and COs also from the college website. At the same time, Central Library of our college and each department post the POs and COs on their notice board. Students know about POs and COs from all these sources at the very first stage of their college study.





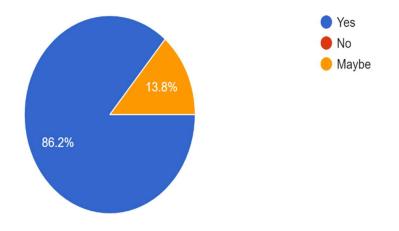
3. Are you satisfied with the Course Outcomes of your subject? Pl. Give your weightage below: 145 responses

The above diagram reveals the fact that our students are quite satisfied with the Course Outcomes.Satisfaction level of more than 75% of the respondents is high to very high (varying from 6 to 10 weightage mark) whereas that of 24% of the respondents is low to very low. We personally make contact with some of the students who are not satisfied with the POs and COs and try to find out the reason behind their dissatisfaction. After knowing the causes, we let the University Syllabus Committees know all these through the UGBS members from our college. We also instruct the concerned department to modify their teaching-learning module.



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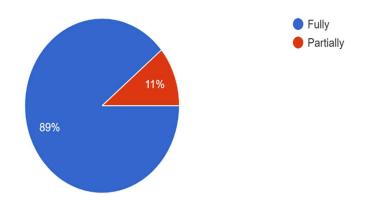
4. Do you think that your Course Outcomes will be beneficial for your further higher studies? 145 responses



The above diagram is highly pleasing as it depicts that 86.2% of the respondents seem that the Course Outcomes are beneficial for their future studies. After completing the undergraduate course, most of them pursue either for post-graduation or for competitive examinations. For both the spheres, their graduation syllabus is quite helpful. Course outcomes of all the subjects are framed keeping in mind the updated syllabus of Post-graduation and other job-oriented examinations.



5. Have the teachers of your department made you understood all the Course Outcomes? 145 responses



This diagram also shows some hopes for the teachers. 89% of the respondents are of the opinion that their respective departmental teachers have made them understood clearly about the POs and COs whereas only 11% of them have been able to understand it partially. After getting this result, the respective departments are directed to take more care about the students who are lagging behind in this sphere.

Suggestion given by the students:

- 1. The number of Smart classes should be increased;
- 2. More emphasis should be given to show the Practical examples;
- 3. There should be Context specific and potential application of knowledge and skill;
- 4. Career counselling classes should be more in numbers;
- 5. One to one conversation with the teachers will be beneficial for them to express their problems.



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