MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☏: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

PO-CO

Content

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KNOWLEDGE IS POWER

Programme Name:B.A. Honours

Course: Honours in Bengali

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	To make students familiar with the chronological study of history of Bengali Literature (1800-present).
CO.2	To give students general ideas of the origin and development of Bengali Language.
CO.3	Students will enhance their knowledge about the evolution of Bengali Poetry.
CO.4	Students will get to know about the Bengali Linguistics, different forms of literature and poetry through Madhusudan Dutta's literary work.
CO.5	Students will get familiar with the journals and its significance to the socio-cultural journey of Bengal. They will go through with some stories and novel.
CO.6	Partition and its impact on socio-cultural revolution in Bengal and its literature. Students will enhance their knowledge about partition and its immense influence upon existence.
CO.7	Students will have the conception about the folk culture and literature which will enhance their knowledge of self-being.
CO.8	Students will get the idea about Bengali print and publication.
CO.9	Students will have practical knowledge about drama, cinema, serial, and recitation if they take this as their occupation
CO.10	Students already gone through various forms of literature. They will get the idea about the structural elements of this in this course and besides this they will get familiar with the IPA and Roman inscription.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.

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PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and

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		efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Students will enhance their knowledge about the evolution of Bengali Poetry.	Knowledge
To make students familiar with the chronological study of history of Bengali Literature (1800-present).	Understanding
Students will have practical knowledge about drama, cinema, serial, and recitation if they take this as their occupation	Application
Students will get familiar with the journals and its significance to the socio-cultural journey of Bengal. They will go through with some stories and novel.	Analysis
Students will get to know about the Bengali Linguistics, different forms of literature and poetry through Madhusudan Dutta's literary work.	Synthesis
Partition and its impact on socio-cultural revolution in Bengal and its literature. Students will enhance their knowledge about partition and its immense influence upon existence.	Evaluation

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CO-PO Mapping

(Indicatecorrelation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	4	3	4	3	4	4
PO.2	3	4	3	3	2	3
PO.3	4	3	2	3	1	4
PO.4	3	3	4	3	2	3
PO.5	4	4	4	1	2	3
PO.6	3	3	3	1	1	2
PO.7	3	3	4	3	3	2
PO.8	4	3	3	3	2	3
PO.9	3	3	2	3	3	2
PO.10	4	3	2	3	3	3
PO.11	3	2	3	1	2	3
PO.12	4	3	3	1	2	2
PO.13	3	3	2	3	3	2
PO.14	4	3	2	3	3	3
PO.15	3	2	3	3	3	2

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	To give students general ideas of the origin and development of Bengali Language.
PSO.2	Students will enhance their knowledge about the evolution of Bengali Poetry.

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PSO.3	Students will get familiar with the journals and its significance to the socio-cultural journey of Bengal. They will go through with some stories and novel.
PSO.4	Students will get the idea about Bengali print and publication.
PSO.5	Students will have practical knowledge about drama, cinema, serial, and recitation if they take this as their occupation
PSO.6	Partition and its impact on socio-cultural revolution in Bengal and its literature. Students will enhance their knowledge about partition and its immense influence upon existence.

CO-PO Attainment
Session- 2022-23
Subject: Bengali

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks (Non-Lab)	50	20	20	-	10	100	100%
Marks (Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Ratri Palit	202562-11-0007	72.14	8	80.14	80.14
Manjuara Khatun	202562-11-0002	64.8	8	72.8	72.8
Sk. Sahina	202562-11-0012	66.91	8	74.91	74.91
Sirin Sultana	202562-11-0013	66.1	8	74.1	74.1
Nafiza Khatun	202562-11-0003	60.01	7	67.01	67.01
Riyasa Khatun	202562-11-0005	68.59	8	76.59	76.59

Ritika Sadhuka	202562-11-0006	59.07	6	65.07	65.07
Azera Khatun	202562-11-0023	66.31	7	73.31	73.31
Ivana Khatun	202562-11-0009	63	7	70	70
Asthar Mallick	202562-11-0019	47.57	5	52.57	52.57
Rehena Khatun	202562-11-0093	61.15	8	69.15	69.15
Toufiq Sepai	202562-21-0030	58.46	5	63.46	63.46
CO Attainment		62.84	7.08	69.92	69.92

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Ratri Palit	202562-11-0007	7.6	7.5	7.0	6.8	7.1	7.2
Manjuara Khatun	202562-11-0002	7.5	7.0	6.5	5.5	6.5	6.5
Sk. Sahina	202562-11-0012	7.8	7.0	6.7	5.8	6.2	6.7
Sirin Sultana	202562-11-0013	8.0	7.0	6.0	5.6	6.4	6.6
Nafiza Khatun	202562-11-0003	7.0	5.8	5.7	5.5	5.6	6.4

Name	ID						
Riyasa Khatun	202562-11-0005	8.3	7.2	6.0	6.0	6.5	6.8
Ritika Sadhuka	202562-11-0006	6.9	6.4	5.8	4.7	5.5	6.1
Azera Khatun	202562-11-0023	7.4	7.1	6.1	5.4	6.8	7.0
Ivana Khatun	202562-11-0009	7.2	6.8	5.4	5.1	6.4	6.9
Asthar Mallick	202562-11-0019	5.5	5.1	4.3	4.1	4.6	4.9
Rehena Khatun	202562-11-0093	6.7	6.6	6.3	5.3	5.4	5.8
Toufiq Sepai	202562-21-0030	6.1	6.0	5.8	5.5	5.8	5.9
CO Attainment		7.17	6.6	5.97	5.44	6.07	6.4

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2 and CO6. It is relatively low for CO3, CO4 and CO5.

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Course Outcome wise Attainment

Bar chart showing Attainment Score (y-axis, 0 to 10) versus Course Outcome (x-axis): CO1 ≈ 7.2, CO2 ≈ 6.6, CO3 ≈ 6.0, CO4 ≈ 5.4, CO5 ≈ 6.1, CO6 ≈ 6.4.
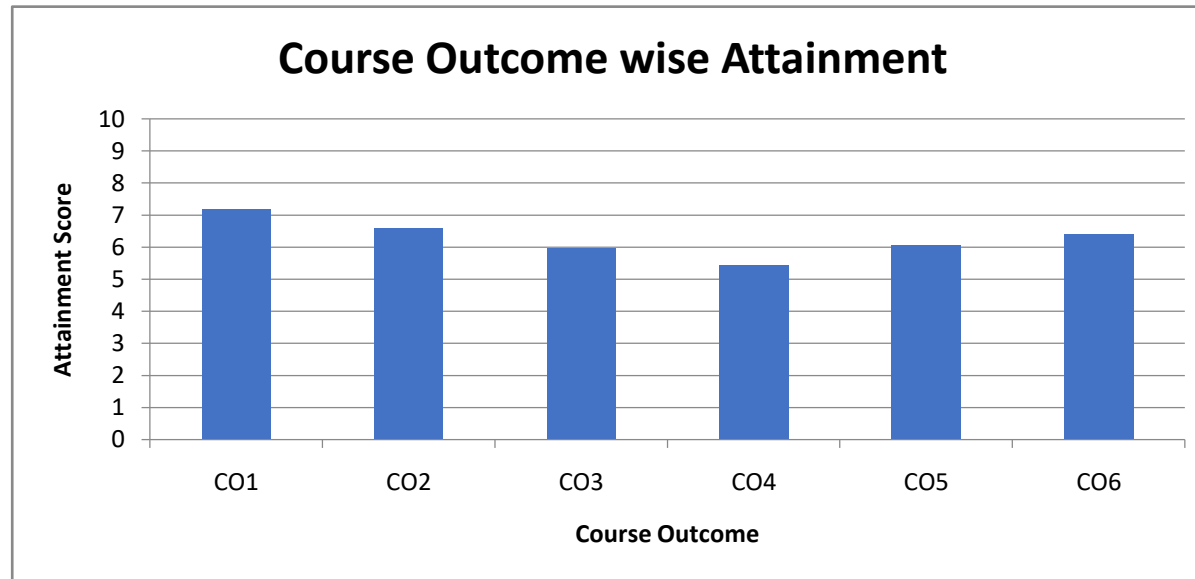
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	3	3	2	3	3		
Programme Outcomes	PO1	4	3	4	3	4	4	22	3.05
	PO2	3	4	3	3	2	3	18	3.00
	PO3	4	3	2	3	1	4	17	3.06
	PO4	3	3	4	3	2	3	18	3.00
	PO5	4	4	4	1	2	3	18	3.17
	PO6	3	3	3	1	1	2	13	3.15
	PO7	3	3	4	3	3	2	18	3.00
	PO8	4	3	3	3	2	3	18	3.06
	PO9	3	3	2	3	3	2	16	3.00
	PO10	4	3	2	3	3	3	18	3.06
	PO11	3	2	3	1	2	3	14	3.14
	PO12	4	3	3	1	2	2	15	3.20
	PO13	3	3	2	3	3	2	16	3.00
	PO14	4	3	2	3	3	3	18	3.06
	PO15	3	2	3	3	3	2	16	3.00

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
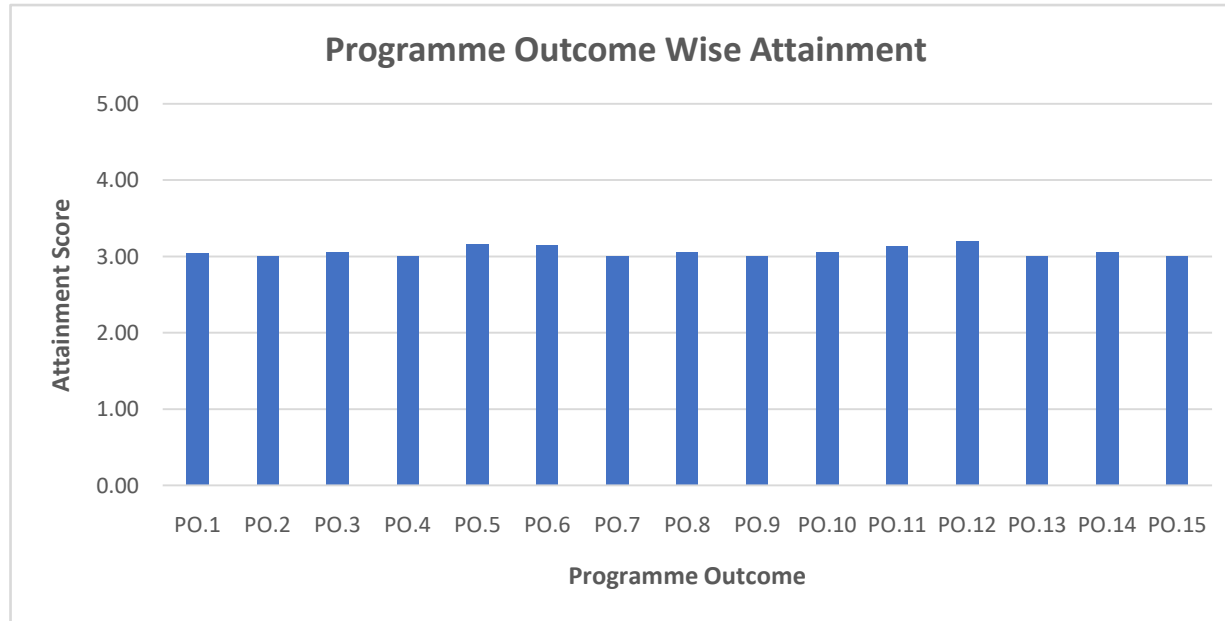
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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Suchandra Bhattacharyya
Department of Bengali
Maheshtala College

CO-PO Attainment

Session- 2021-22

Subject: Bengali

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Farhin Farzana	192562-11-0001	65.15	8	73.15	73.15
Fiza Parveen	192562-11-0014	59.62	7	66.62	66.62
Agnita Dey	192562-11-0004	60.78	8	68.78	68.78
Sritama	192562-11-0022	63.80	8	71.8	71.8
Riya Naskar	192562-11-0019	54.94	7	61.94	61.94
Monira Khatun	192562-11-0017	64.23	8	72.23	72.23
Yasmina Khatun	192562-11-0007	54.48	7	61.48	61.48
Rizwana Khatun	192562-11-0010	66.74	8	74.74	74.74
Sanchita Chakraborty	192562-11-0006	62.42	8	70.42	70.42
CO Attainment		61.35	7.67	69.02	69.02

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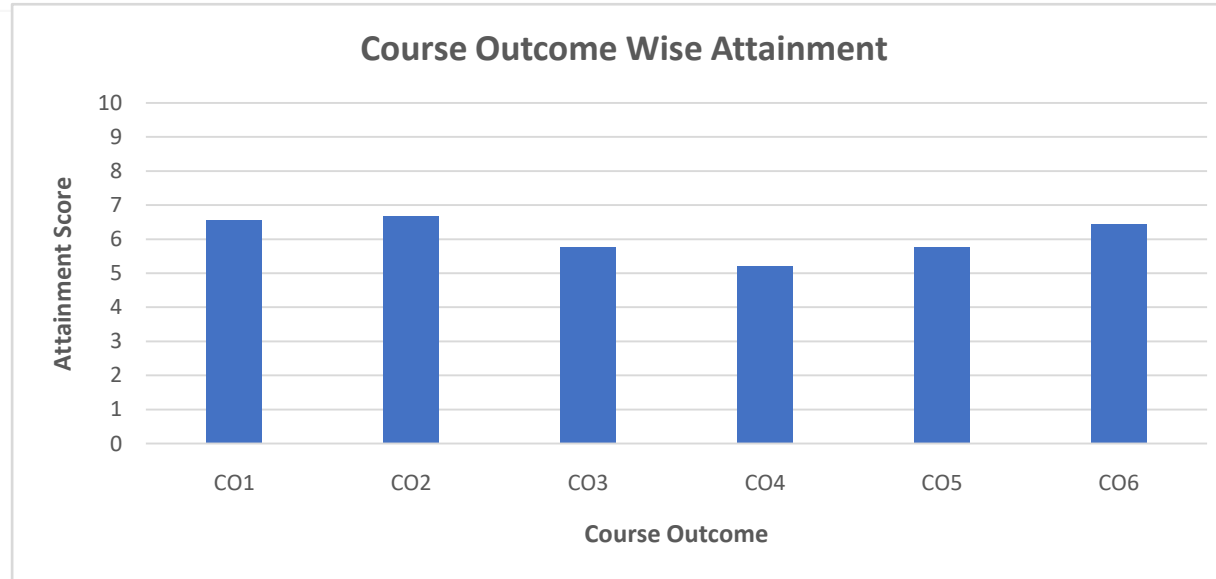**Student-wise Attainment Level for Course Outcome: Final Semester**

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Farhin Farzana	192562-11-0001	7	7	6	6	6	7
Fiza Parveen	192562-11-0014	6	6	6	5	6	6
Agnita Dey	192562-11-0004	6	7	6	5	6	6
Sritama	192562-11-0022	7	7	6	5	6	7
Riya Naskar	192562-11-0019	6	6	5	5	5	6
Monira Khatun	192562-11-0017	7	7	6	6	6	6
Yasmina Khatun	192562-11-0007	6	6	5	4	5	6
Rizwana Khatun	192562-11-0010	7	8	6	6	6	7
Sanchita Chakraborty	192562-11-0006	7	6	6	5	6	7
CO Attainment		6.56	6.67	5.78	5.22	5.78	6.44

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.

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Attainment of Programme Outcomes
Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	3	2	2	2	3		
Programme Outcomes	PO1	4	3	4	3	4	4	22	2.50
	PO2	3	4	3	3	2	3	18	2.56
	PO3	4	3	2	3	1	4	17	2.65
	PO4	3	3	4	3	2	3	18	2.50
	PO5	4	4	4	1	2	3	18	2.61
	PO6	3	3	3	1	1	2	13	2.62
	PO7	3	3	4	3	3	2	18	2.44
	PO8	4	3	3	3	2	3	18	2.56
	PO9	3	3	2	3	3	2	16	2.50
	PO10	4	3	2	3	3	3	18	2.56
	PO11	3	2	3	1	2	3	14	2.57
	PO12	4	3	3	1	2	2	15	2.60
	PO13	3	3	2	3	3	2	16	2.50
	PO14	4	3	2	3	3	3	18	2.56
	PO15	3	2	3	3	3	2	16	2.44

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
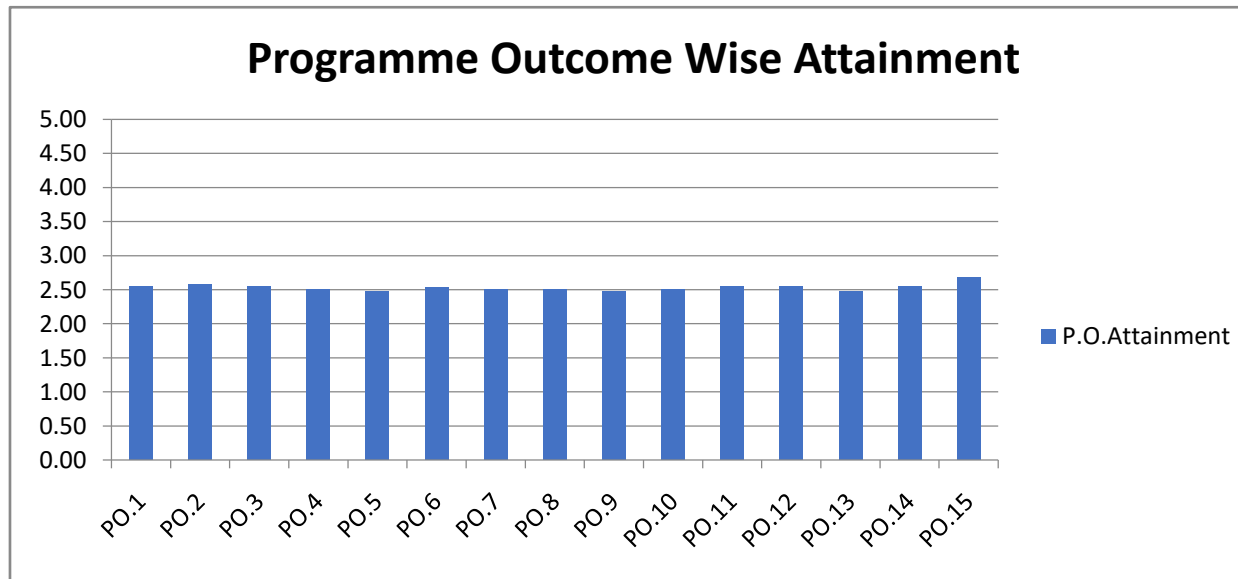
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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good attainment level. To sustain and develop the progress students were mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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CO-PO Attainment

Session- 2020-21

Subject: Bengali

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Sayantani Jana	182562-11-0009	82.77	8	90.77	90.77
Ritu sardar	182562-11-0027	81.27	8	89.27	89.27
Mousumi Das	182562-11-0030	78.36	7	85.36	85.36
Nazmin Begam	182562-11-0010	79.92	7	86.92	86.92
Soumi Roy	182562-11-0011	82.16	8	90.16	90.16
Susmita Halder	182562-11-0024	83.62	8	91.62	91.62
Ankita Saha	182562-11-0005	80.51	8	88.51	88.51
Hena Parveen	182562-11-0020	68.42	7	75.42	75.42
Atika Sultana	182562-11-0007	74.37	7	81.37	81.37
Ismatara Khatun	182562-11-0022	78.25	7	85.25	85.25
Madhumita Ghosh	182562-11-0019	77.01	7	84.01	84.01
Puja Mondal	182562-11-0015	80.06	8	88.06	88.06

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Susmita Mondal	182562-11-0028	77.02	7	84.02	84.02
Afroza paik	182562-11-0017	78.50	7	85.5	85.5
Tanaya Mondal	182562-11-0026	81.27	8	89.27	89.27
Rahul Mondal	182562-21-0006	78.26	7	85.26	85.26
Sk. Sahil	182562-21-0002	75.21	7	82.21	82.21
Surojit Pramanik	182562-21-0003	76.26	7	83.26	83.26
CO Attainment		78.51	7.39	85.90	85.90

Student-wise Attainment Level for Course Outcome: Final Semester

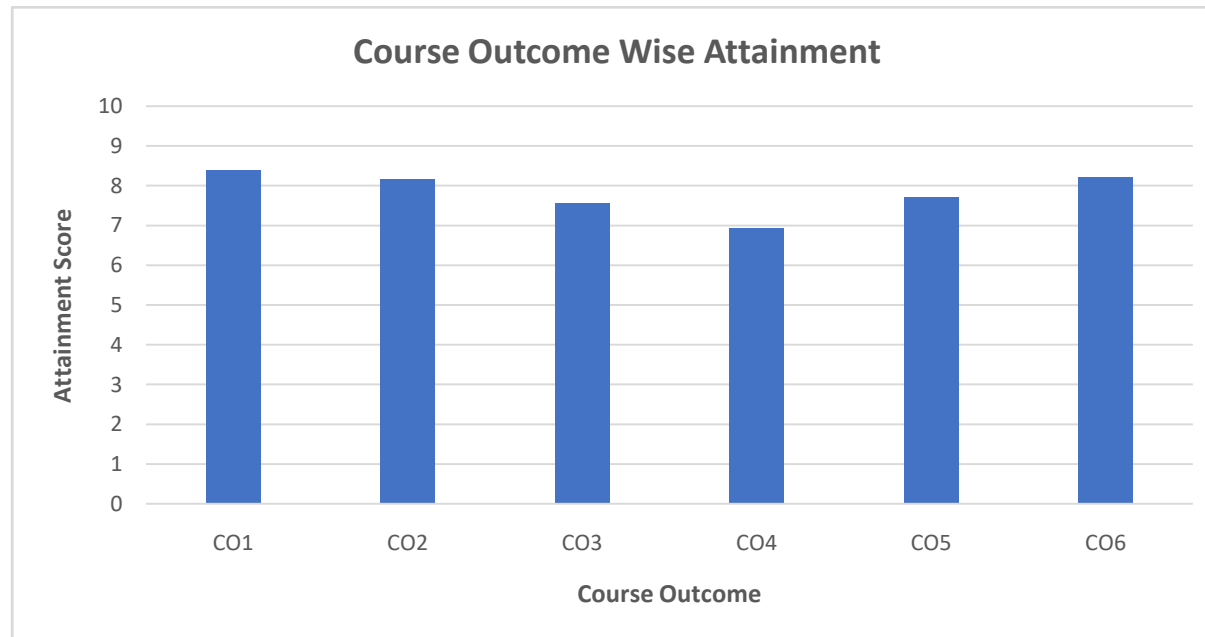| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Sayantani Jana	182562-11-0009	9	9	8	7	8	8
Ritu sardar	182562-11-0027	9	9	8	8	7	8
Mousumi Das	182562-11-0030	9	8	8	7	7	8
Nazmin Begam	182562-11-0010	8	9	8	7	8	8
Soumi Roy	182562-11-0011	9	8	8	7	8	9
Susmita Halder	182562-11-0024	9	9	8	7	8	9
Ankita Saha	182562-11-0005	9	8	8	7	8	8
Hena Parveen	182562-11-0020	7	7	7	6	7	7
Atika Sultana	182562-11-0007	7	8	7	7	7	8
Ismatara Khatun	182562-11-0022	8	8	8	7	8	8
Madhumita Ghosh	182562-11-0019	8	8	7	7	8	8
Puja Mondal	182562-11-0015	9	8	8	7	7	9
Susmita Mondal	182562-11-0028	9	8	7	6	8	8
Afroza paik	182562-11-0017	9	8	7	7	8	8
Tanaya Mondal	182562-11-0026	8	9	8	7	8	9

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BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139

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☏: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

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Rahul Mondal	182562-21-0006	8	8	7	7	8	9
Sk. Sahil	182562-21-0002	8	7	7	7	8	8
Surojit Pramanik	182562-21-0003	8	8	7	7	8	8
CO Attainment		8.39	8.17	7.56	6.94	7.72	8.22

Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☏: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

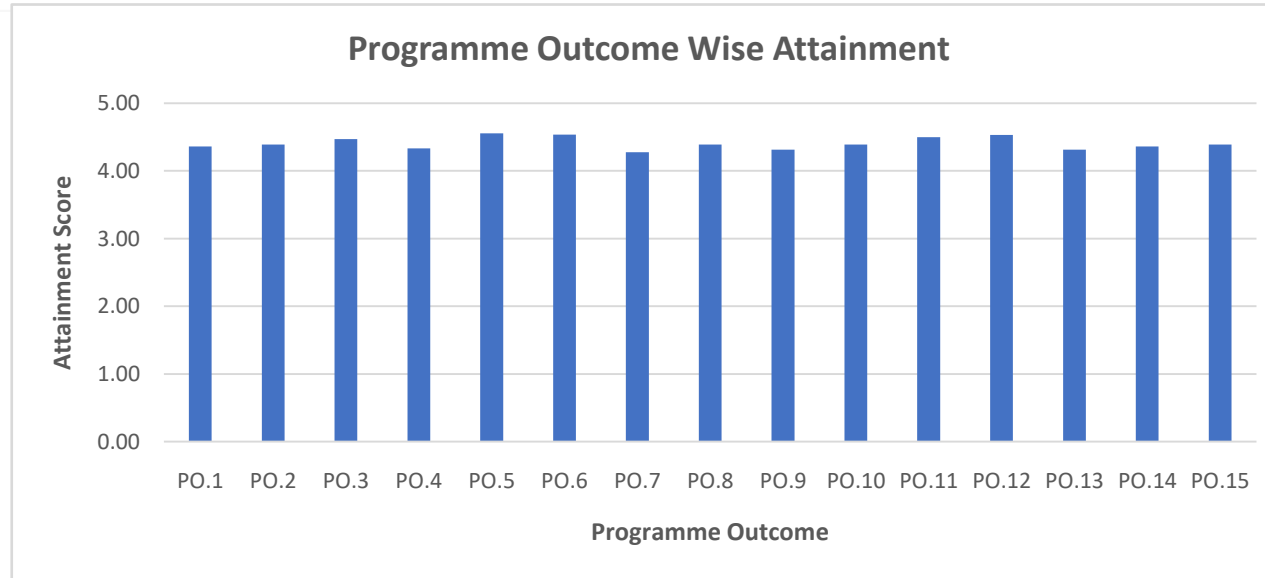| Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	5	5	4	3	4	5		
Programme Outcomes	PO1	4	3	4	3	4	4	22	4.36
	PO2	3	4	3	3	2	3	18	4.39
	PO3	4	3	2	3	1	4	17	4.47
	PO4	3	3	4	3	2	3	18	4.33
	PO5	4	4	4	1	2	3	18	4.56
	PO6	3	3	3	1	1	2	13	4.54
	PO7	3	3	4	3	3	2	18	4.28
	PO8	4	3	3	3	2	3	18	4.39
	PO9	3	3	2	3	3	2	16	4.31
	PO10	4	3	2	3	3	3	18	4.39
	PO11	3	2	3	1	2	3	14	4.50
	PO12	4	3	3	1	2	2	15	4.53
	PO13	3	3	2	3	3	2	16	4.31
	PO14	4	3	4	3	4	4	18	4.36
	PO15	3	4	3	3	2	3	16	4.39

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Suchandra Bhattacharyya
Department of Bengali
Maheshtala College

MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
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Programme Name:B.A. Honours

Course: Honours in Education

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Know the salient features of education in India during ancient and medieval times.
CO.2	Know the meaning of Psychology and be acquainted with its different aspects.
CO.3	To understand the meaning, nature, scope, and aims of education.
CO.4	To understand the importance of philosophy in education.
CO.5	Make relation between Sociology and Education
CO.6	To have an idea about the duties of citizens
CO.7	Analyse essential functions of educational management.
CO.8	To get acquainted with instructional techniques and different models of teaching.
CO.9	To develop an understanding of evaluation and reform of curriculum
CO.10	To develop the ability to organize relevant educational data and to represent educational data through graphs and to develop skill in analyzing and displaying data.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

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☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

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List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.

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℡: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Know the salient features of education in India during ancient and medieval times.	Knowledge
Know the meaning of Psychology and be acquainted with its different aspects.	
To understand the meaning, nature, scope, and aims of education.	Understanding
To understand the importance of philosophy in education.	
Make relation between Sociology and Education	Application
To have an idea about the duties of citizens	
Analyse essential functions of educational management.	Analysis
To get acquainted with instructional techniques and different models of teaching.	Synthesis
To develop an understanding of evaluation and reform of curriculum	Evaluation
To develop the ability to organize relevant educational data and to represent educational data through graphs and to develop skill in analyzing and displaying data.	

CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	2	4	3	2	4	1
PO.2	2	3	3	2	3	2

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☎: 6289482452 (Office)
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PO.3	3	4	2	3	2	4
PO.4	3	2	3	2	3	3
PO.5	3	4	2	3	2	3
PO.6	2	3	4	2	3	2
PO.7	4	2	1	3	4	3
PO.8	3	4	3	2	1	4
PO.9	3	2	3	4	3	4
PO.10	2	3	4	3	3	2
PO.11	3	2	3	3	4	2
PO.12	4	3	3	2	4	3
PO.13	3	4	2	4	3	4
PO.14	3	2	3	3	2	3
PO.15	3	3	4	2	3	2

List of Programme Specific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Introduction to Education
PSO.2	History of Indian Education
PSO.3	Psychological Foundation of Education
PSO.4	Philosophical Foundation of Education
PSO.5	Curriculum Studies
PSO.6	Evaluation and Measurement in Education

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
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PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

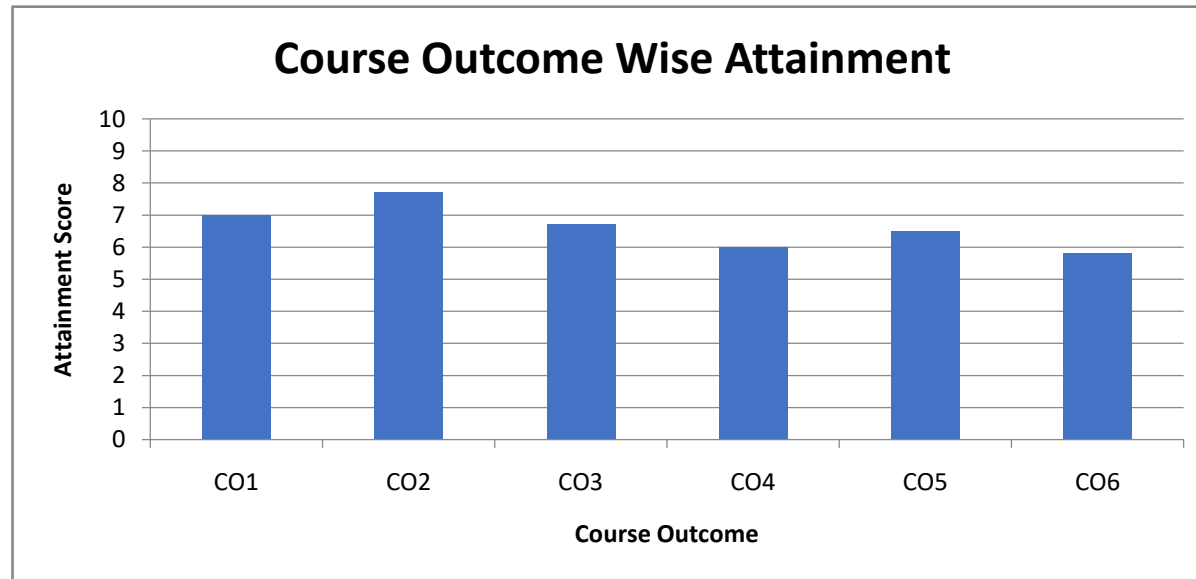|	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✓		✓	✓		✓		✓	✓		✓	✓	✓		✓	✓		✓		✓	✓
CO2		✓	✓		✓	✓		✓		✓	✓			✓	✓		✓	✓		✓	
CO3	✓	✓		✓		✓	✓		✓		✓	✓	✓	✓		✓		✓	✓		✓
CO4	✓		✓		✓			✓	✓	✓		✓	✓		✓		✓			✓	✓
CO5		✓	✓		✓		✓			✓	✓			✓	✓		✓		✓		
CO6	✓		✓	✓		✓			✓	✓		✓	✓		✓	✓		✓			✓

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

CO-PO Attainment

Session- 2022-23

Subject: Education

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Sabnam Khatun	202562-11-0054	75	8	83	83%
Nazmiara Khatun	202562-11-0056	68.75	8	76.75	76.75%
Aklima Khatun	202562-11-0059	75.75	8	83.75	83.75%
Shainaz Khatoon	202562-11-0078	67.5	8	75.5	75.5%
Sk Samiul Islam	202562-21-0020	52.25	5	57.25	57.25%
Sk Sahil	202562-21-0034	59	6	65	65%
CO Attainment		66.38	7.16	73.54	73.54%

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Sabnam Khatun	202562-11-0054	8	9	7	6	8	7
Nazmiara khatun	202562-11-0056	7	8	7	7	6	6
Aklima khatun	202562-11-0059	8	9	8	7	7	7
Shainazkhatoon	202562-11-0078	7	8	7	6	7	6
Sksamiul Islam	202562-21-0020	6	6	5	5	5	4
Sk Sahil	202562-21-0034	7	6	6	5	6	5
CO Attainment		7	7.7	6.7	6	6.5	5.8

Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO4 and CO6.

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BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
①: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	4	3	3	3	2		
Programme Outcomes	PO1	2	4	3	2	4	1	16	3.31
	PO2	2	3	3	2	3	2	15	3.20
	PO3	3	4	2	3	2	4	18	3.17
	PO4	3	2	3	2	3	3	16	3.13
	PO5	3	4	2	3	2	3	17	3.24
	PO6	2	3	4	2	3	2	16	3.19
	PO7	4	2	1	3	4	3	17	3.18
	PO8	3	4	3	2	1	4	17	3.18
	PO9	3	2	3	4	3	4	19	3.05
	PO10	2	3	4	3	3	2	17	3.18
	PO11	3	2	3	3	4	2	17	3.18
	PO12	4	3	3	2	4	3	19	3.21
	PO13	3	4	2	4	3	4	20	3.15
	PO14	3	2	3	3	2	3	16	3.13
	PO15	3	3	4	2	3	2	17	3.24

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
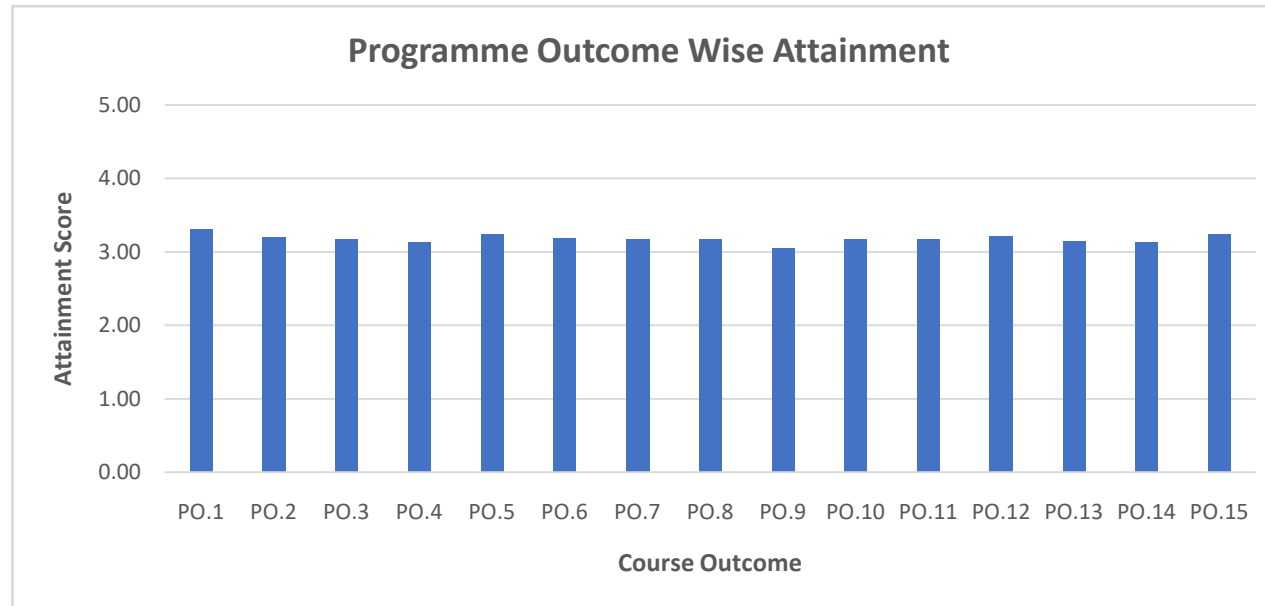
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☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

SUDEEP SARKAR
Assistant Professor & Head
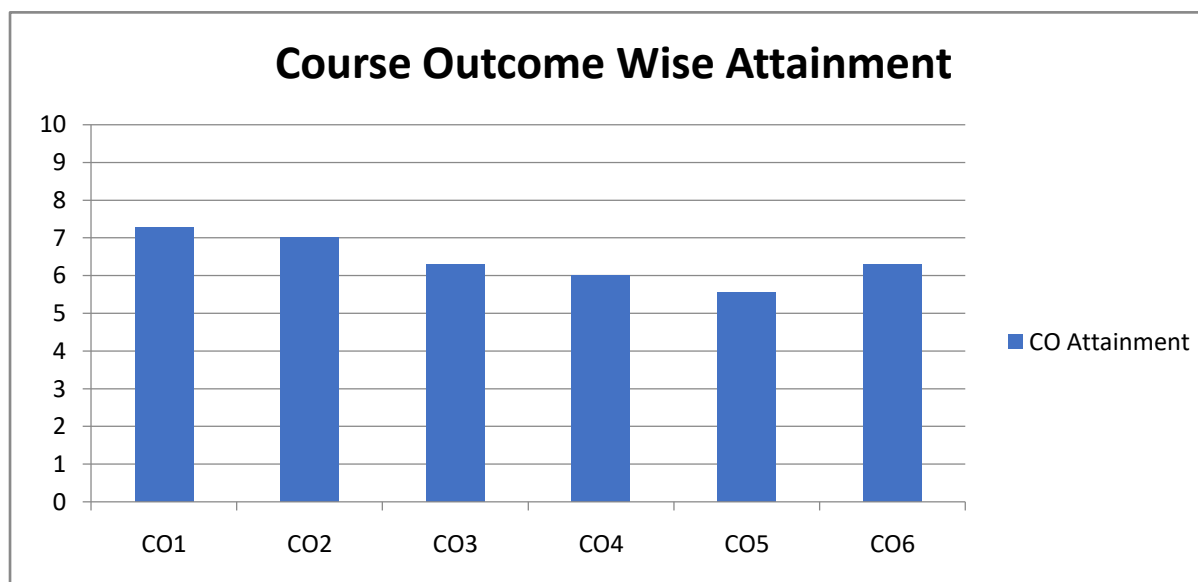Department of Education
Maheshtala College

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☏: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

CO Attainment

Session- 2021-22

Subject: Education

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Sarika Khatun	192562-11-0023	67.5	8	75.5	75.5
Afrin khatun	192562-11-0024	62.75	7	69.75	69.75
Farhana khatun	192562-11-0025	62	7	69	69
Soma Samanta	192562-11-0027	71.25	9	80.25	80.25
Riya khatun	192562-11-0029	61.75	7	68.75	68.75
Sarifa Khatun	192562-11-0030	57.75	6	63.75	63.75
Sk Sohana Parvin	192562-11-0031	64	8	72	72
CO Attainment		63.86	7.43	71.29	71.29%

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Sarika Khatun	192562-11-0023	8	8	7	6	5	7
Afrin khatun	192562-11-0024	7	7	6	6	6	6

Farhana khatun	192562-11-0025	7	6	6	6	6	6
Soma Samanta	192562-11-0027	8	8	7	7	6	7
Riya khatun	192562-11-0029	7	7	6	6	5	6
Sarifa Khatun	192562-11-0030	7	6	6	5	5	6
Sk Sohana Parvin	192562-11-0031	7	7	6	6	6	6
CO Attainment		7.29	7.00	6.29	6.00	5.57	6.29

Course Outcome Wise Attainment

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO3 ,CO4, CO5 and CO6.

Attainment of Programme Outcomes

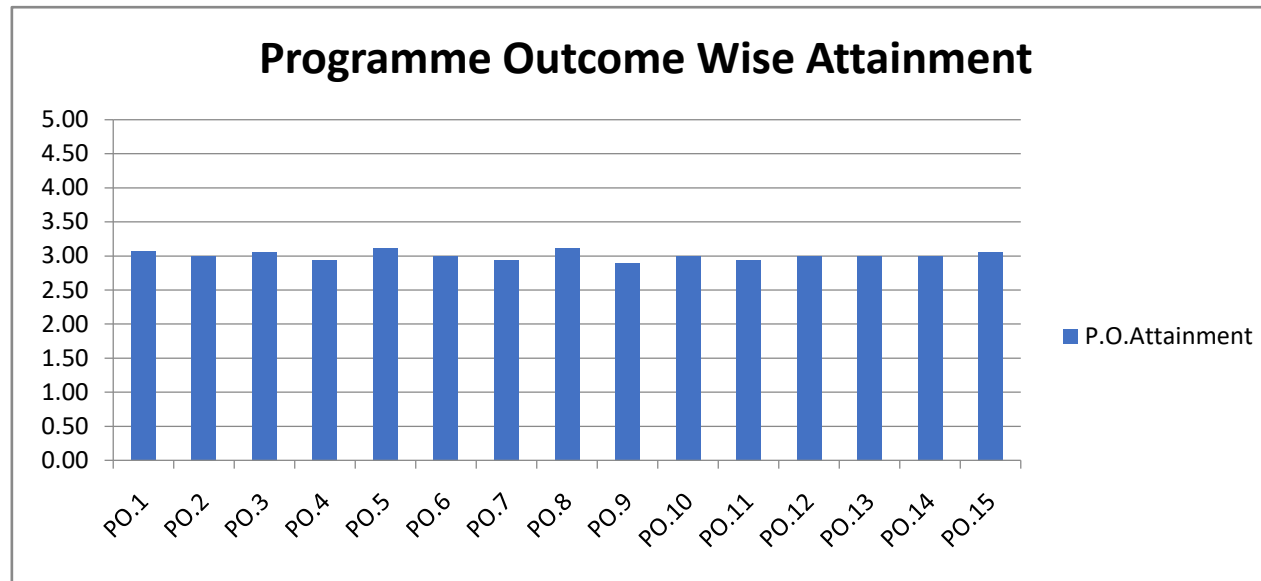Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	4	4	3	3	2	2		
Programme Outcomes	PO1	2	4	3	2	4	1	16	3.06
	PO2	2	3	3	2	3	2	15	3.00
	PO3	3	4	2	3	2	4	18	3.06
	PO4	3	2	3	2	3	3	16	2.94
	PO5	3	4	2	3	2	3	17	3.12
	PO6	2	3	4	2	3	2	16	3.00
	PO7	4	2	1	3	4	3	17	2.94
	PO8	3	4	3	2	1	4	17	3.12
	PO9	3	2	3	4	3	4	19	2.89
	PO10	2	3	4	3	3	2	17	3.00
	PO11	3	2	3	3	4	2	17	2.94
	PO12	4	3	3	2	4	3	19	3.00
	PO13	3	4	2	4	3	4	20	3.00
	PO14	3	2	3	3	2	3	16	3.00
	PO15	3	3	4	2	3	2	17	3.06

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☏: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Programme Outcome Wise Attainment chart showing P.O.Attainment for PO.1 through PO.15

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Sudeep Sarkar

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SUDEEP SARKAR
Assistant Professor & Head
Department of Education
Maheshtala College

MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA — 700139

E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com

☏: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

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CO-PO Attainment

Session- 2020-21

Subject: Education

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Golapsa Khatoon	182562-11-0039	74	8	82	82%
Sudipta Adhikary	182562-11-0034	77.25	8	85.25	85.25%
Priti Sardar	182562-11-0040	72.5	8	80.5	80.5%
Afsara Khatun	182562-11-0037	76	8	84	84%
Ahanisha Khatun	182562-11-0033	78.5	8	86.5	86.5%
CO Attainment		75.65	8	83.65	83.65%

Student-wise Attainment Level for Course Outcome: Final Semester

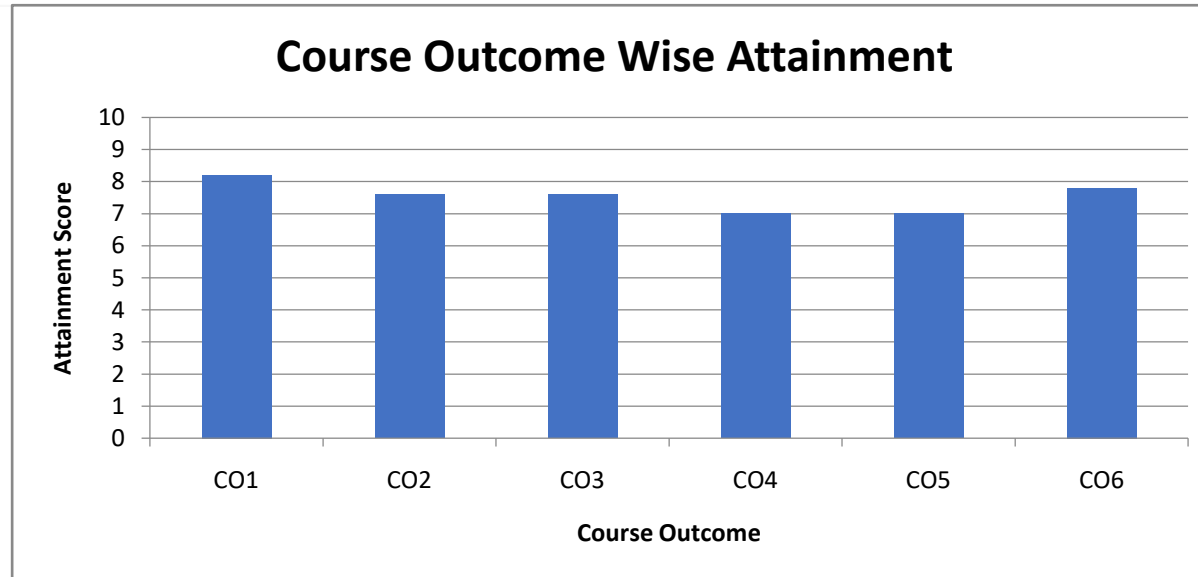| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Golapsa Khatoon	182562-11-0039	8	7	7	7	7	8
Sudipta Adhikary	182562-11-0034	8	8	8	7	7	8
Priti Sardar	182562-11-0040	8	7	7	7	7	7
Afsara Khatun	182562-11-0037	8	8	8	7	7	8
Ahanisha Khatun	182562-11-0033	9	8	8	7	7	8
CO Attainment		8.2	7.6	7.6	7	7	7.8

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO4 and CO6.
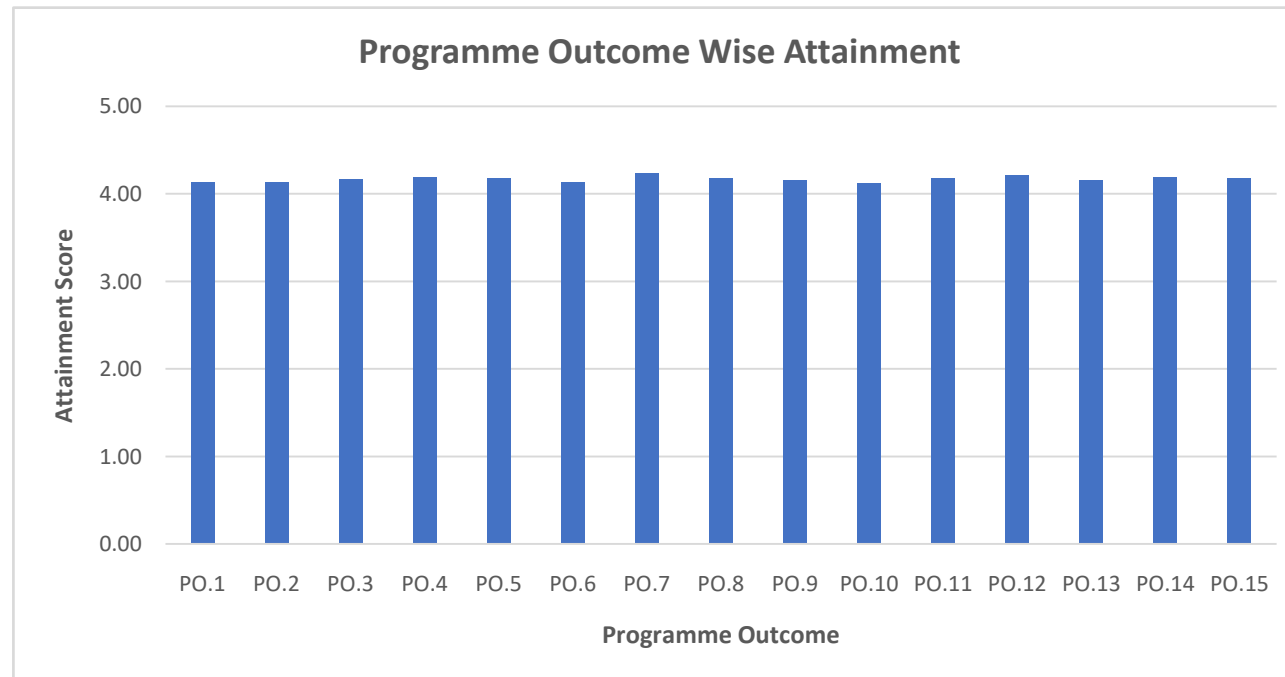
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	4	4	4	4	4		
Programme Outcomes	PO1	2	4	3	2	4	1	16	4.13
	PO2	2	3	3	2	3	2	15	4.13
	PO3	3	4	2	3	2	4	18	4.17
	PO4	3	2	3	2	3	3	16	4.19
	PO5	3	4	2	3	2	3	17	4.18
	PO6	2	3	4	2	3	2	16	4.13
	PO7	4	2	1	3	4	3	17	4.24
	PO8	3	4	3	2	1	4	17	4.18
	PO9	3	2	3	4	3	4	19	4.16
	PO10	2	3	4	3	3	2	17	4.12
	PO11	3	2	3	3	4	2	17	4.18
	PO12	4	3	3	2	4	3	19	4.21
	PO13	3	4	2	3	3	4	19	4.16
	PO14	3	2	3	3	2	3	16	4.19
	PO15	3	3	4	2	3	2	17	4.18

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Sudeep Sarkar

SUDEEP SARKAR
Assistant Professor & Head
Department of Education
Maheshtala College

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ProgrammeName:B.A. Honours

Course: Honours in History

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Students will acquire knowledge regarding the primitive life and socio- cultural status of the people of ancient India.
CO.2	Students can learn about the socio-economic and political condition of the feudal organization of production, town's formation, trade and commerce, technological developments and crisis of feudalism in Europe.
CO.3	Students will achieve knowledge about the religious and cultural changing scenarios after the advent of the Islam in India; especially impact Bhakti cult and Tantrism.
CO.4	Students of history will learn about the rise of the modern west world and transition the society and economy from feudalism to capitalism. They will learn how to rise of Renaissance in Italy and spread of humanism in Europe and results of the European Reformation in the 16th century and Shift of economic balance from the Mediterranean to the Atlantic, Commercial Revolution, Influx of American silver and the Price Revolution. They gathered knowledge towards the emergence of European state system like Spain, France, and England etc.
CO.5	Students will acquire knowledge towards the Turkey's invasion& Struggle for Empire in North-Western India and foundation of the Mughal Rule in India. Students will learn about the Mughal Indian society, economy and culture after consolidation of the Munhall rule India.
CO.6	Students will learn about the post-war developments of Social, Political and

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	Economic scenarios of the World and decolonization and the emergence of the Third world. As well as they will learn origin of the Cold War and Changing World political Scenarios and emerging trends in culture, Media and Revolution among European countries.
CO.7	Student can know about the rise and decline of the Bengal under the Nawab. They can understand the process of the rise and growth of British Empire in Bengal after the Battle of Plassey. They can understand the transformation of Bengali society in 19th century; especially about the social and religious reformation during the said time. At the same time, they can gain the knowledge about the exploitative character of British govt that gave birth so called Bengali nationalism.
CO.8	Students will learn about the socio-political and economical status of USA after consolidation of colonial power. Students will know how the discrimination between north and south America caused civil war. They acquire knowledge how to growth capitalism in USA and becomes a World power.
CO.9	Students will learn how to maintain documentary, visual and material remains of the past either in house or Institutions. Students will be encouraged to undertake collection, documentation and exhibition of such materials in their localities and colleges. They can understand towards the important and significance of the Museum and Archives to build the history of India. Thus education tour to the National Archives and National Museum is an integral part of the history students.

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CO.10	Students will gather knowledge towards the popular culture through audio-visual expressions like, Folk Art, Calendar Art and Photography. They will acquire knowledge about the Theatre, Music, folk songs and Jars by performance and Participation in real life. They can realize about the impact of the internet and audio-visual media on popular culture of the World.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate

		media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse

		teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property

		rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Students will acquire knowledge regarding the primitive life and socio- cultural status of the people of ancient India.	Knowledge
Students will achieve knowledge about the religious and cultural changing scenarios after the advent of the Islam in India; especially impact Bhakti cult and	Understanding

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Tantrism.	
Students will acquire knowledge towards the Turkey's invasion& Struggle for Empire in North-Western India and foundation of the Mughal Rule in India. Students will learn about the Mughal Indian society, economy and culture after consolidation of the Munhall rule India.	Evaluation
Students will learn how to maintain documentary, visual and material remains of the past either in house or Institutions. Students will be encouraged to undertake collection, documentation and exhibition of such materials in their localities and colleges. They can understand towards the important and significance of the Museum and Archives to build the history of India. Thus education tour to the National Archives and National Museum is an integral part of the history students.	Application

Students will gather knowledge towards the popular culture through audio-visual expressions like, Folk Art, Calendar Art and Photography. They will acquire knowledge about the Theatre, Music, folk songs and Jars by performance and Participation in real life. They can realize about the impact of the internet and audio-visual media on popular culture of the World.	Synthesis
Students will learn about the post-war developments of Social, Political and Economic scenarios of the World and decolonization and the emergence of the Third world. As well as they will learn origin of the Cold War and Changing World political Scenarios and emerging trends in culture, Media and Revolution among European countries.	Analysis

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CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	4	4	3	2	4	3
PO.2	4	4	3	2	1	3
PO.3	4	4	3	1	2	3
PO.4	4	4	1	4	3	1
PO.5	4	3	2	1	1	2
PO.6	4	2	3	2	4	2
PO.7	4	4	1	1	2	2
PO.8	4	3	3	2	4	4
PO.9	4	3	4	1	3	3
PO.10	4	2	1	2	2	3
PO.11	4	2	2	4	4	3
PO.12	4	4	3	2	2	1
PO.13	4	4	2	4	3	4
PO.14	4	3	4	3	3	2
PO.15	4	3	2	2	3	1

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Student will learn from this paper about the status of the society and culture of the Paleolithic, Mesolithic, Neolithic, Harappa and Bronze ages in ancient India. They will learn how to interpret of the historical sources of ancient India. They can acquire knowledge about the Vedic and later-Vedic Period of India and gather knowledge how to rise of Jainism and Buddhism religion

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	and culture in ancient India. As well as conception will gather among them, howto rise of Magadha Empire from other sixteen Janapadas. They will realize about the religion and messages from Ashoka, the great Mouryan Emperor from this paper.
PSO.2	Students will learn how to rise & Growth of the Gupta's Empire in ancient India and to raise regional Kingdoms in different parts of India after downfall of the Empire. They can acquire knowledge towards the society, economy and culture in early medieval India. They can gather knowledge towards the Arabs conquest of Northern part of India from this paper. They can understand how the land of India becomes handed over to the foreign powers gradually from the ancient times to medieval.
PSO.3	Students will learn how the foundation, expansion and consolidation of the Delhi Sultanate had established and ruled under five dynastic i.e. IlbariTurky's,Khaljis,Tughlaqs,Syed and Lodhi for alongtime.They also learn about the nature of the state,nobility and under the Ulemas during Sultan and Mughal rule in medieval India.After the downfall of the Delhi Sultanate how the Mughal dynasty had come to power in India and had ruled upto 1707.
PSO.4	Students of history will learn how to raise regional powers in India after the downfall of the Mughal Empire and in the course of time how to rise of the Company's absolute power in India. They can understand about the colonial nature of state during 200 years rule of the British power in this land. Hey can gather knowledge about how the Indian society, politics, religion and economy had changed during the Company's rule in India. They will aware about in which situation the Indian Nationalism had raised among the Indian people for freedom.They will acquire knowledge about the freedom struggle

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	and partition of India and aftermath.
PSO.5	Students of can understand about the evolution of human Society & how the society of agricultural and animal husbandry had begun in Ancient Times. They also learn how the human society had Transformed from Nomadic to civilized society in ancient history of the World. They can acquire knowledge about the ancient Greek and Roman society. They can compare to each and other.
PSO.6	Students will learn about the European crisis of economic, social and political dimensions as well as the English Revolution, major issues like political and intellectual currents in 17th century. They will learn about the rise of modern science in relation to European society by the Renaissance and the European politics in the 18th century like parliamentary monarchy, patterns of Absolutism in Europe and prelude to the Industrial Revolution in England and other European countries.

PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

PO	CO1	CO2	CO3	CO4	CO5	CO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
PO.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PO.2	✓	✓										
PO.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PO.4												
PO.5	✓	✓		✓			✓	✓	✓	✓	✓	✓

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PO.6								✓	✓	✓		✓
PO.7								✓	✓	✓		
PO.8												✓
PO.9	✓	✓		✓			✓	✓	✓	✓	✓	✓
PO.10		✓										
PO.11	✓	✓			✓		✓				✓	
PO.12		✓									✓	
PO.13		✓									✓	
PO.14	✓						✓		✓	✓		
PO.15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

CO-PO Attainment

Session- 2022-23

Subject: History

Component	Direct				Indirect	Total	%
	External	**Internal**	**Tutorial**	**Practical**			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Amrin Khatun	192562-11-0056	53.50	7	60.50	60.50
Tabassum Parveen	192562-11-0057	65.00	8	73.00	73.00
Nur Jahan Khatun	192562-11-0058	56.25	7	63.25	63.25
Mahajabin Khatun	192562-11-0059	61.50	8	69.50	69.50

Name	CU Roll No.			
Anisha Khatun	192562-11-0062	66.00	8	74.00	74.00
Suraiya Khatun	192562-11-0068	62.00	8	70.00	70.00
Tamanash Majumder	192562-21-0016	53.50	7	60.50	60.50
Subho Giri	192562-21-0019	52.25	6	58.25	58.25
Gopal Mondal	192562-21-0023	63.50	8	71.50	71.50
CO Attainment		59.28	7.44	66.72	66.72

Student-wise Attainment Level for Course Outcome: Final Semester

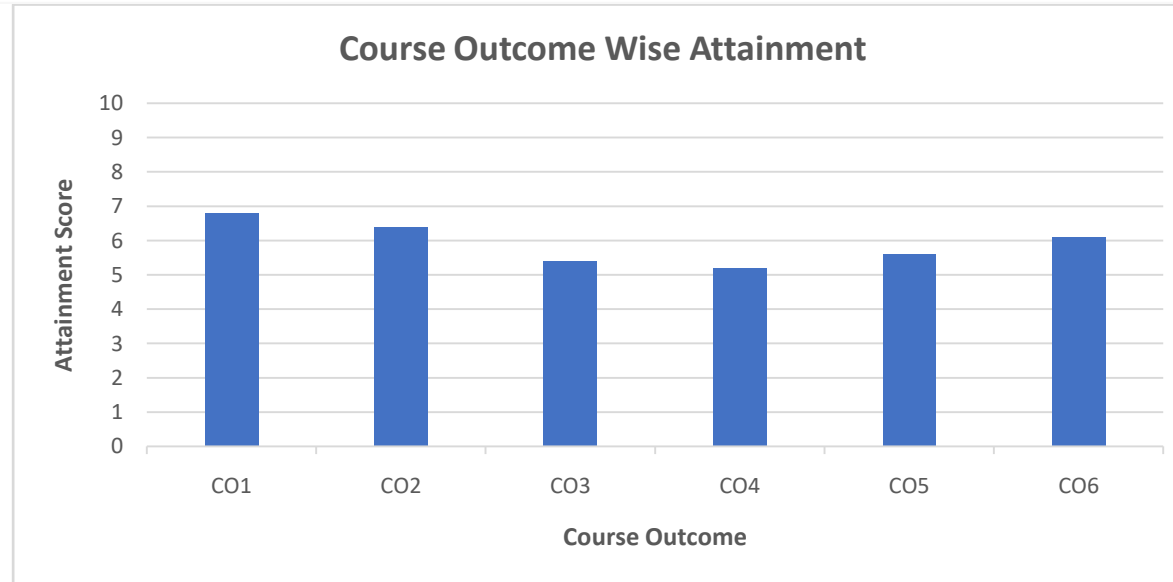| 2023							
Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Amrin Khatun	192562-11-0056	6	6	5	5	5	5
Tabassum Parveen	192562-11-0057	8	7	6	6	5	7
Nur Jahan Khatun	192562-11-0058	6	6	5	6	5	6
Mahajabin Khatun	192562-11-0059	7	7	5	5	6	7
Anisha Khatun	192562-11-0062	8	7	6	6	7	6
Suraiya Khatun	192562-11-0068	7	7	6	5	6	6
Tamanash Majumder	192562-21-0016	6	5	5	5	5	6
Subho Giri	192562-21-0019	6	6	5	4	5	5
Gopal Mondal	192562-21-0023	7	7	6	5	6	7
CO Attainment		6.8	6.4	5.4	5.2	5.6	6.1

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Attainment of Programme Outcomes:

Calculation of Attainment of Programme Outcomes: Final Semester

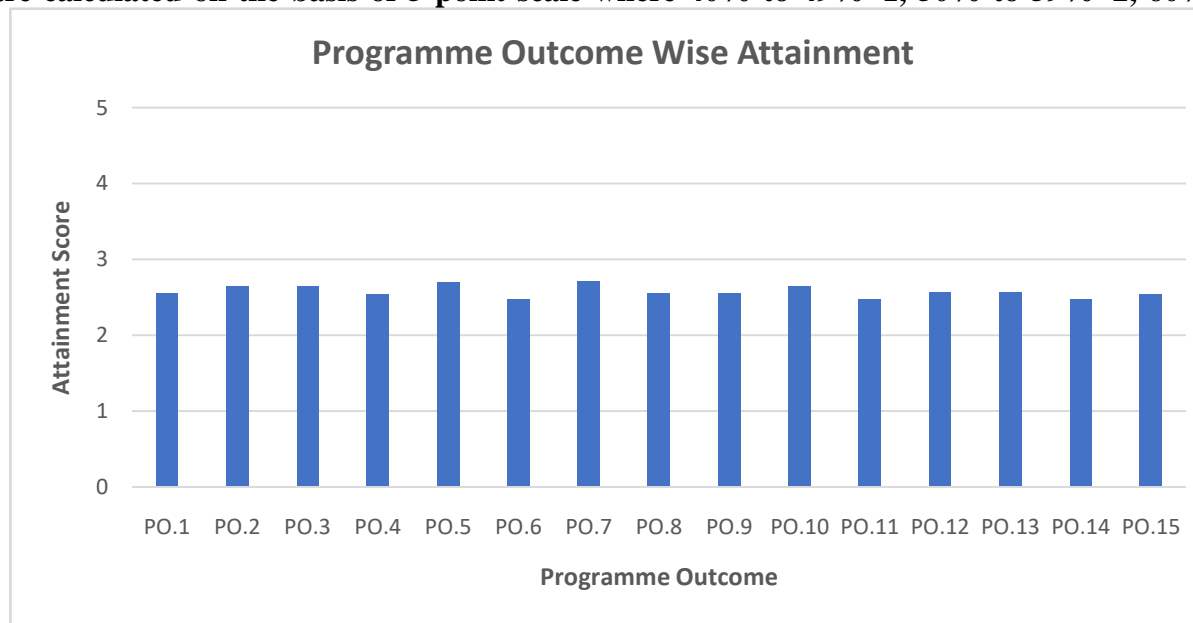| Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	3	2	2	2	3		

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Programme Outcomes								
	PO1	4	4	3	2	4	3	20	2.55
	PO2	4	4	3	2	1	3	17	2.65
	PO3	4	4	3	1	2	3	17	2.65
	PO4	4	4	1	4	3	1	17	2.53
	PO5	4	3	2	1	1	2	13	2.69
	PO6	4	2	3	2	4	2	17	2.47
	PO7	4	4	1	1	2	2	14	2.71
	PO8	4	3	3	2	4	4	20	2.55
	PO9	4	3	4	1	3	3	18	2.56
	PO10	4	2	1	2	2	3	14	2.64
	PO11	4	2	2	4	4	3	19	2.47
	PO12	4	4	3	2	2	1	16	2.56
	PO13	4	4	2	4	3	4	21	2.57
	PO14	4	3	4	3	3	2	19	2.47
	PO15	4	3	2	2	3	1	15	2.53

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Programme Outcome Wise Attainment

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Department of History
Maheshtala College

CO-PO Attainment

Session- 2021-22

Subject: History

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Rama Jana	182562-11-0052	82.25	7	89.25	89.25
Marufa Khatoon	182562-11-0053	87.25	7	94.25	94.25
Mary Afroz	182562-11-0054	91.25	7	98.25	98.25
Mitali Sadhukhan	182562-11-0055	90.25	7	97.25	97.25
Rohima Khatun	182562-11-0057	75.50	6	81.5	81.5

Jayashree Sardar	182562-11-0059	78.00	6	84	84
Priti Mondal	182562-11-0060	85.00	7	92	92
Anindita Mondal	182562-11-0061	80.00	7	87	87
Riya Mondal	182562-11-0062	82.50	7	89.5	89.5
Indrajit Mondal	182562-21-0034	81.00	7	88	88
CO Attainment		83.3	6.8	90.1	90.1

Student-wise Attainment Level for Course Outcome: Final Semester

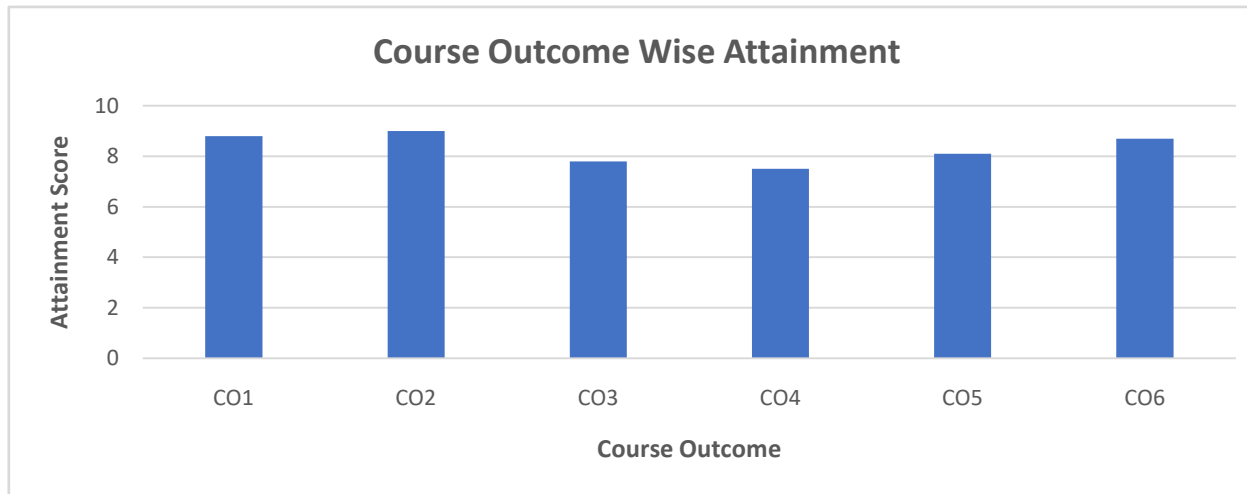| 2023							
Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Rama Jana	182562-11-0052	9	9	7	7	8	9
Marufa Khatoon	182562-11-0053	10	9	8	8	8	9
Mary Afroz	182562-11-0054	10	10	9	8	9	9
Mitali Sadhukhan	182562-11-0055	9	10	9	8	9	9
Rohima Khatun	182562-11-0057	8	8	7	7	7	8
Jayashree Sardar	182562-11-0059	8	9	7	7	8	8
Priti Mondal	182562-11-0060	9	9	8	8	8	9
Anindita Mondal	182562-11-0061	8	9	8	7	8	8
Riya Mondal	182562-11-0062	9	8	8	7	8	9
Indrajit Mondal	182562-21-0034	8	9	7	8	8	9
CO Attainment		8.8	9	7.8	7.5	8.1	8.7

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.

Attainment of Programme Outcomes:

Calculation of Attainment of Programme Outcomes: Final Semester

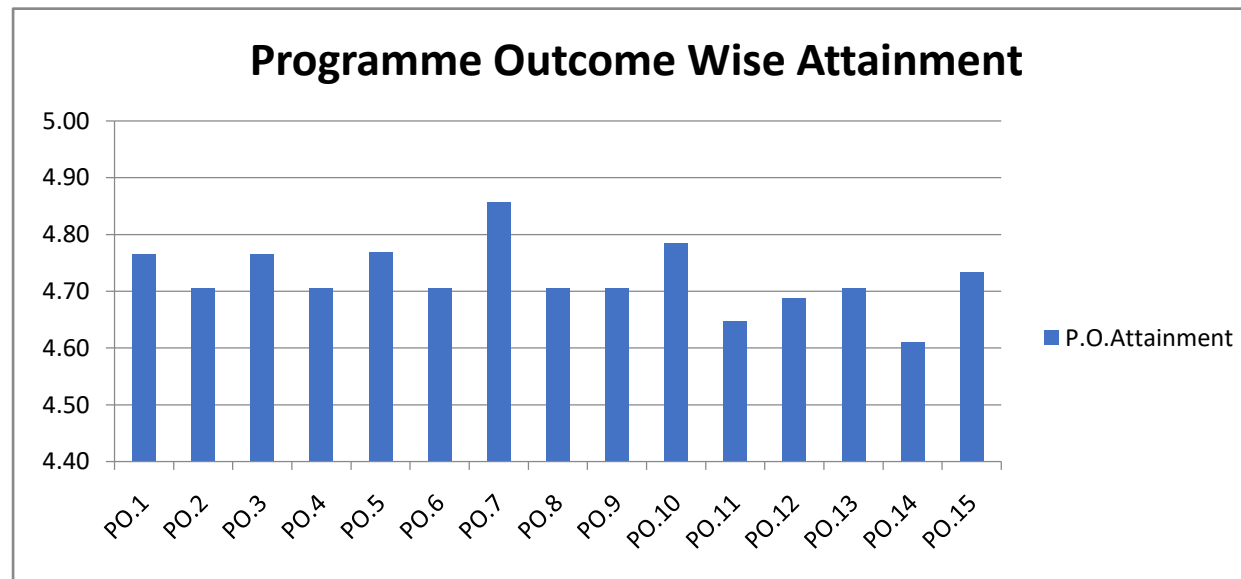| Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	5	4	4	5	5		

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Programme Outcomes	PO1	4	3	3	1	3	3	17	4.76
	PO2	4	4	3	2	1	3	17	4.71
	PO3	4	4	3	1	2	3	17	4.76
	PO4	4	4	1	4	3	1	17	4.71
	PO5	4	3	2	1	1	2	13	4.77
	PO6	4	2	3	2	4	2	17	4.71
	PO7	4	4	1	1	2	2	14	4.86
	PO8	4	3	3	2	2	3	17	4.71
	PO9	4	3	4	1	2	3	17	4.71
	PO10	4	2	1	2	2	3	14	4.79
	PO11	4	2	2	4	2	3	17	4.65
	PO12	4	4	3	2	2	1	16	4.69
	PO13	4	3	2	3	2	3	17	4.71
	PO14	4	3	4	3	2	2	18	4.61
	PO15	4	3	2	2	3	1	15	4.73

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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ProgrammeName: B.A. Honours

Course :Honours in English

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Understand the history of English Literature from the Old English period to the year 2000, including the evolution of the language.
CO.2	Introduction to Indian literature, encompassing prose, poetry, and drama, with selected representative examples.
CO.3	Study of English literature from the age of Chaucer to that of Shakespeare, including an understanding of the historical contexts.
CO.4	Introduction to various genres of popular literature, such as detective fiction, comics, and children's literature, exploring their similarities and differences with more serious fiction.
CO.5	Introduction to the socio-cultural and intellectual environment of 17th and 18th century England through selected representative English poetry and drama.
CO.6	Study of the Victorian Age through selected representative texts, providing an understanding of the socio-cultural milieu of the period.
CO.7	Introduction to the socio-cultural and intellectual milieu of early 20th century England and the advent of Modernism through selected representative English poetry, prose, and drama.
CO.8	Introduces students to current world literature, both in original English and translated versions, providing exposure beyond traditional English literature
CO.9	Introduces students to pioneering plays of early Modernist Europe, laying the foundation for modern drama.
CO.10	Focuses on translation studies, emphasizing both literal and free translations and their significance in a multi-linguistic society.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application

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CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as

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		a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Understand the history of English Literature from the Old English period to the year 2000, including the evolution of the language.	Knowledge
Introduction to Indian literature, encompassing prose, poetry, and drama, with selected representative examples.	Understanding
Introduces students to pioneering plays of early Modernist Europe, laying the foundation for modern drama.	
Study of English literature from the age of Chaucer to that of Shakespeare, including an understanding of the historical contexts.	Application
Introduction to the socio-cultural and intellectual milieu of early 20th century England and the advent of Modernism through selected representative English poetry, prose, and drama.	
Introduction to various genres of popular literature, such as detective fiction, comics, and children's literature, exploring their similarities and differences with more serious fiction.	Analysis
Introduction to the socio-cultural and intellectual environment of 17th and 18th century England through selected representative English poetry and drama.	Synthesis
Focuses on translation studies, emphasizing both literal and free translations and their significance in a multi-linguistic society.	
Study of the Victorian Age through selected representative texts, providing an understanding of the socio-cultural milieu of the period.	Evaluation
Introduces students to current world literature, both in original English and translated versions, providing exposure beyond traditional English literature	

CO-PO Mapping

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(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	2	4	3	2	4	3
PO.2	4	3	3	2	3	2
PO.3	3	4	2	3	2	4
PO.4	2	2	2	2	3	3
PO.5	3	2	2	3	2	2
PO.6	2	3	4	2	3	2
PO.7	4	2	3	3	4	3
PO.8	3	4	1	2	3	4
PO.9	4	1	3	4	3	4
PO.10	2	3	4	3	3	2
PO.11	3	2	4	3	4	2
PO.12	4	3	3	2	4	3
PO.13	3	4	2	4	3	4
PO.14	3	2	1	3	4	3
PO.15	3	3	4	2	3	2

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Analyze literary texts written in English from various perspectives.
PSO.2	Appreciate the richness and diversity of English literature from around 700 AD to the present time.
PSO.3	Understand the different aspects of English literature worldwide, including Indian Writing in English.
PSO.4	Critically engage with poetry, prose, drama, and principles of literary criticism
PSO.5	Develop analytical and critical thinking skills through extensive reading and writing
PSO.6	Gain exposure to literary theory, Translation Studies, Language Studies, and Creative Writing.

PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✓	✓		✓		✓	✓		✓	✓	✓	✓	✓		✓	✓		✓		✓	✓
CO2	✓		✓	✓		✓		✓	✓		✓			✓	✓		✓	✓		✓	
CO3		✓		✓	✓		✓	✓		✓	✓	✓	✓	✓		✓		✓	✓		✓
CO4	✓		✓			✓	✓		✓		✓	✓		✓		✓				✓	✓
CO5	✓		✓		✓			✓	✓		✓			✓	✓		✓		✓		
CO6	✓	✓		✓		✓	✓		✓	✓		✓	✓		✓	✓		✓		✓	✓

CO-PO Attainment
Session- 2022-23

Subject: English

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
IMROSE MOLLA	202562-21-0037	68.75	8	76.75	76.75
SUMIT DAS	202562-21-0004	64.75	8	72.75	72.75
SWARNENDU MONDAL	202562-21-0006	64	7	71	71
SUHAIL TAHIR MOLLA	202562-21-0007	73.25	9	82.25	82.25
HIMADRI SHEKHAR MITRA	202562-21-0009	57	6	63	63
TANIYA KAJI	202562-11-0030	67	7	74	74
JASMINE PARVIN	202562-11-0031	68.25	8	76.25	76.25
SHIMRAN PARVIN	202562-11-0032	60	6	66	66
RENASHA KHAN	202562-11-0033	60.75	7	67.75	67.75
ANNESHA DEY	202562-11-0034	68.5	8	76.5	76.5
NEHA HALDER	202562-11-0027	63.5	8	71.5	71.5
SUHANA NAZNIN	202562-11-0029	63.75	6	69.75	69.75
ANKANA MAITY	192562-11-0047	56	5	61	61
SIMRAN CHOWDHARY	192562-11-0035	52.75	6	58.75	58.75
DEBALINA DAS	192562-11-0036	56.25	7	63.25	63.25
ADIHTY SINGH	192562-11-0039	60.75	7	67.75	67.75
TIYASA CHAKRABORTY	192562-11-0043	59.75	6	65.75	65.75
CO Attainment		62.65	7	69.65	69.65

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Student-wise Attainment Level for Course Outcome: Final Semester

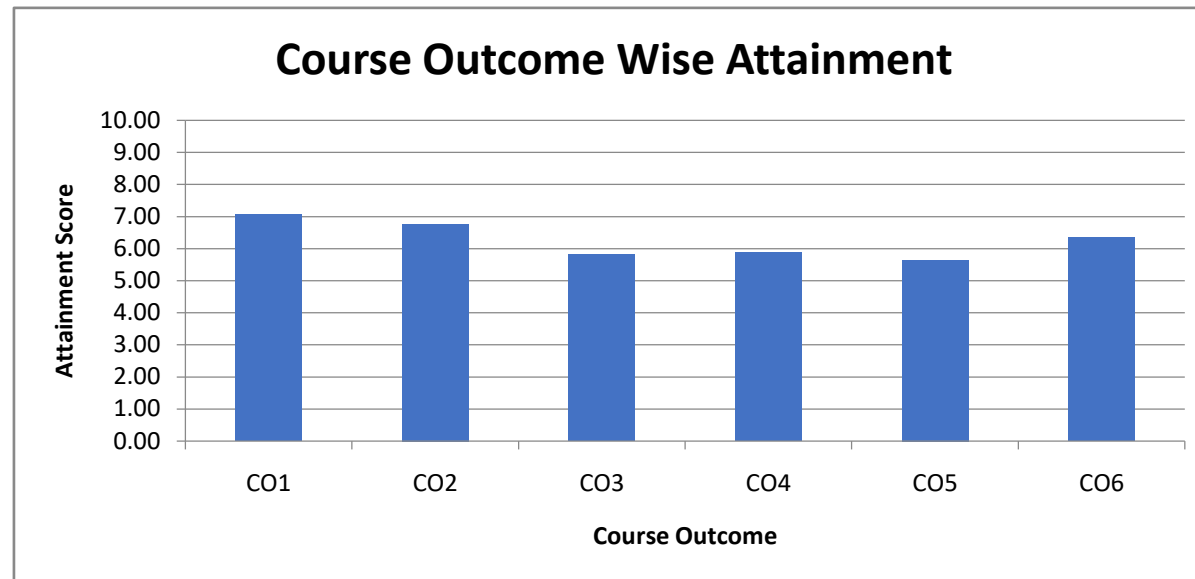| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
IMROSE MOLLA	202562-21-0037	8	7	7	6	7	6
SUMIT DAS	202562-21-0004	7	8	7	6	5	6
SWARNENDU MONDAL	202562-21-0006	7	7	6	6	5	7
SUHAIL TAHIR MOLLA	202562-21-0007	8	8	7	7	7	7
HIMADRI SHEKHAR MITRA	202562-21-0009	7	6	5	6	5	5
TANIYA KAJI	202562-11-0030	7	8	6	7	6	6
JASMINE PARVIN	202562-11-0031	8	7	6	6	7	7
SHIMRAN PARVIN	202562-11-0032	7	6	5	6	6	6
RENASHA KHAN	202562-11-0033	6	6	5	6	6	7
ANNESHA DEY	202562-11-0034	7	7	7	6	7	7
NEHA HALDER	202562-11-0027	7	7	6	6	5	7
SUHANA NAZNIN	202562-11-0029	8	6	6	6	5	7
ANKANA MAITY	192562-11-0047	7	6	5	5	5	6
SIMRAN CHOWDHARY	192562-11-0035	6	6	4	5	5	6
DEBALINA DAS	192562-11-0036	6	7	5	5	5	6
ADIHTY SINGH	192562-11-0039	7	7	6	5	5	6
TIYASA CHAKRABORTY	192562-11-0043	7	6	6	6	5	6

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☎: 6289482452 (Office)

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CO Attainment	7.06	6.76	5.82	5.88	5.65	6.35

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.

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Website: www.maheshtalacollege.ac.in

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	3	2	2	2	3		
Programme Outcomes	PO1	2	4	3	2	4	3	18	2.61
	PO2	4	3	3	2	3	2	17	2.76
	PO3	3	4	2	3	2	4	18	2.78
	PO4	2	2	2	2	3	3	14	2.64
	PO5	3	2	2	3	2	2	14	2.71
	PO6	2	3	4	2	3	2	16	2.56
	PO7	4	2	3	3	4	3	19	2.68
	PO8	3	4	1	2	3	4	17	2.82
	PO9	4	1	3	4	3	4	19	2.68
	PO10	2	3	4	3	3	2	17	2.53
	PO11	3	2	4	3	4	2	18	2.56
	PO12	4	3	3	2	4	3	19	2.74
	PO13	3	4	2	4	3	4	20	2.70
	PO14	3	2	1	3	4	3	16	2.69
	PO15	3	3	4	2	3	2	17	2.65

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
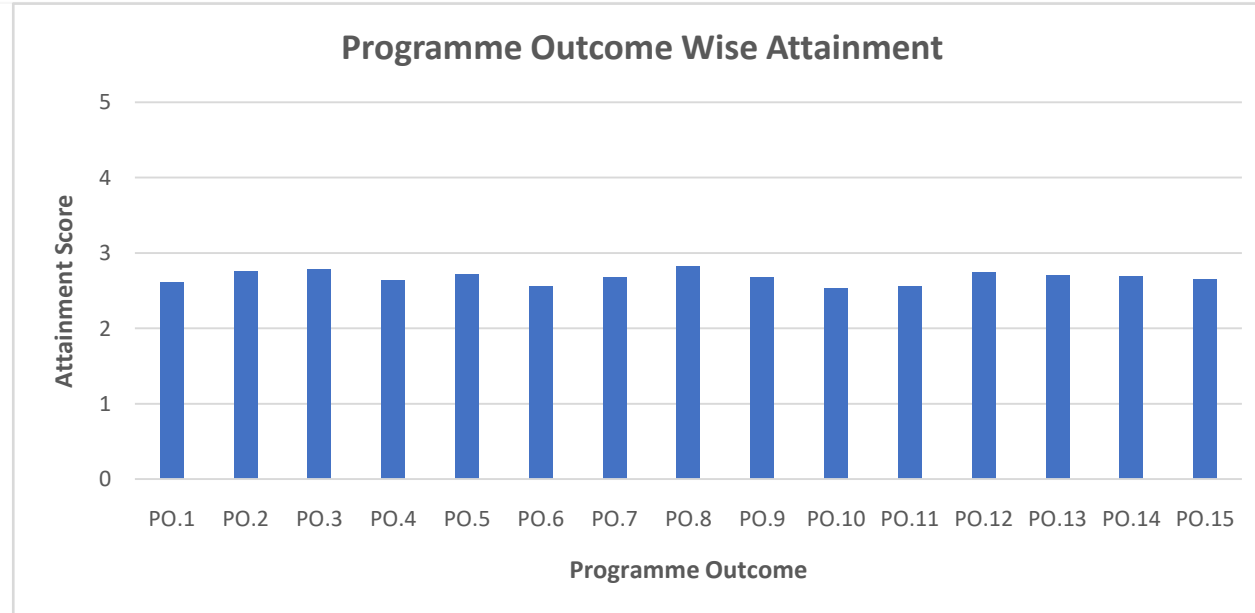
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Programme Outcome Wise Attainment

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S. GANGULI
Department of English
Maheshtala College

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CO-PO Attainment

Session- 2021-22

Subject: English

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
MEHENDI PARVEEN	192562-11-0044	57.50	6	63.50	63.50
MONALISA KHANRA	192562-11-0045	60.00	7	67.00	67.00
OINDRILA MAJUMDER	192562-11-0046	64.25	8	72.25	72.25
CHIDANANDA MALLICK	192562-11-0048	66.25	8	74.25	74.25
SAYANTAN MONDAL	192562-21-0011	58.75	7	65.75	65.75
SK. MIRAJUL HOSSAIN	192562-21-0012	65.25	8	73.25	73.25
CO Attainment		62	7.33	69.33	69.33

Student-wise Attainment Level for Course Outcome: Final Semester

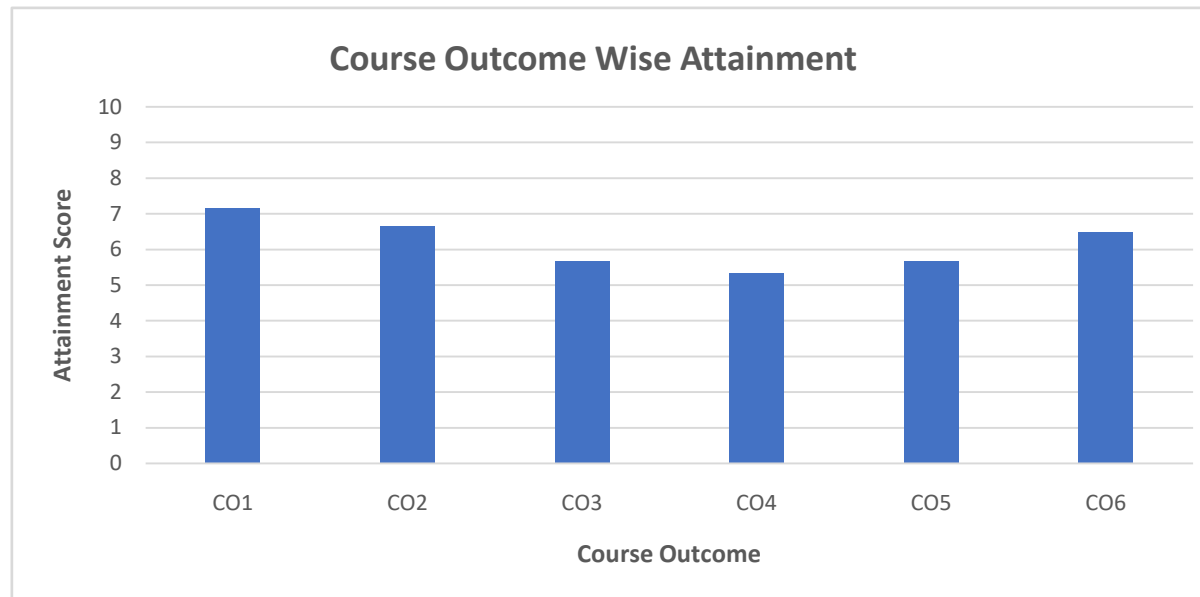| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
MEHENDI PARVEEN	192562-11-0044	7	6	5	5	5	6
MONALISA KHANRA	192562-11-0045	7	6	6	5	6	6
OINDRILA MAJUMDER	192562-11-0046	7	7	6	5	6	7
CHIDANANDA MALLICK	192562-11-0048	8	7	6	6	6	7
SAYANTAN MONDAL	192562-21-0011	7	7	5	5	5	6
SK. MIRAJUL HOSSAIN	192562-21-0012	7	7	6	6	6	7

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CO Attainment	7.17	6.67	5.67	5.33	5.67	6.5

Course Outcome Wise Attainment

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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

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	Average Attainments*	4	3	2	2	2	3		
Programme Outcomes	PO1	2	4	3	2	4	3	18	2.61
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	PO13	3	4	2	4	3	4	20	2.70
	PO14	3	2	1	3	4	3	16	2.69
	PO15	3	3	4	2	3	2	17	2.65

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
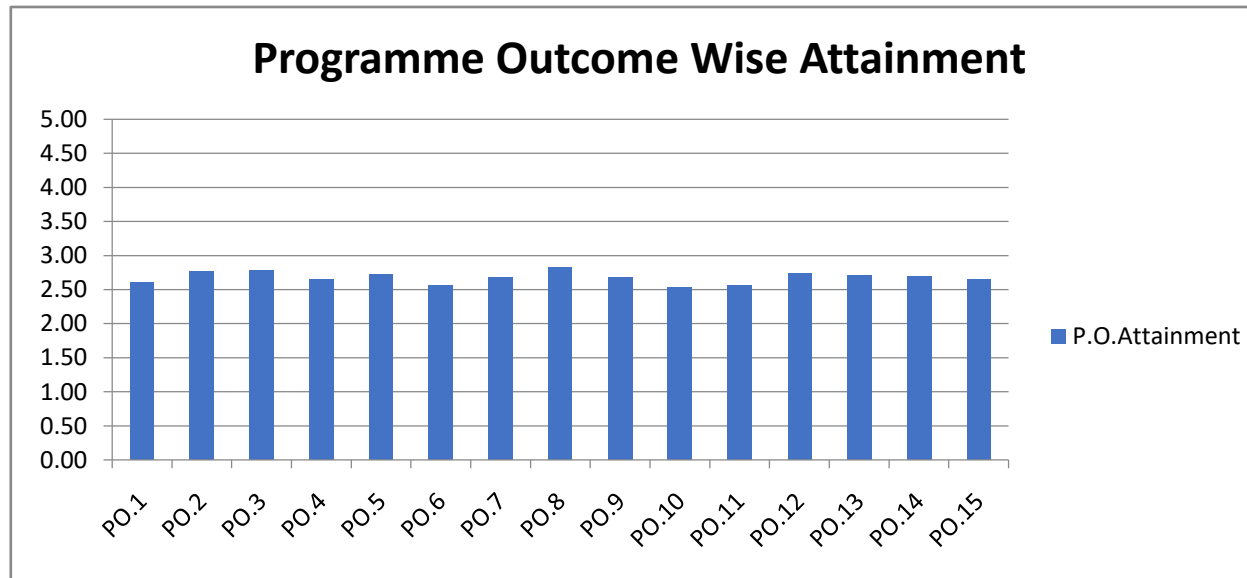
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CO-PO Attainment

Session- 2020-21

Subject: English

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

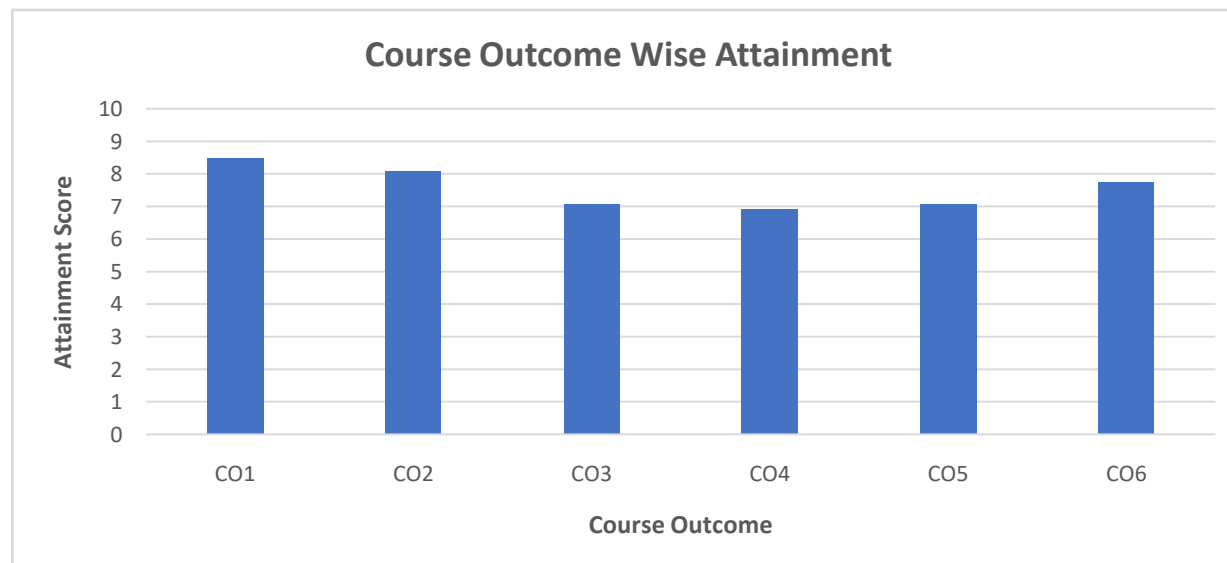| Name	CU Roll No.	Direct	Indirect	Total	%
SUBHAJIT PARBAT	182544-21-0019	76.25	7	83.25	83.25
SK. SAHIL	182562-21-0013	68.75	7	75.75	75.75
MD. ALFAZ KHAN	182562-21-0008	83.25	8	91.25	91.25
SOURAV SAMAIYAR	182562-21-0009	75.5	7	82.5	82.5
ANIKET MOULICK	182562-21-0010	69	7	76	76
SK. SARFARAJ	182562-21-0011	72.25	7	79.25	79.25
SK. SHATAMIK HASSAN	182562-21-0015	69.75	7	76.75	76.75
POULAMI DUTTA	182562-11-0043	81	8	89	89
ANKANA SARKAR	182562-11-0044	72	7	79	79
MANTASHA ALI	182562-11-0047	82.75	8	90.75	90.75
SOUMYASHRI CHAKRABORTY	182562-11-0048	80.75	8	88.75	88.75
RAJARSREE BAIDYA	182562-11-0049	81	8	89	89
CO Attainment		76	7.42	83.43	83.43

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
SUBHAJIT PARBAT	182544-21-0019	9	8	7	7	7	8
SK. SAHIL	182562-21-0013	8	8	7	6	6	6
MD. ALFAZ KHAN	182562-21-0008	9	9	8	8	8	8
SOURAV SAMAIYAR	182562-21-0009	8	8	7	7	7	8
ANIKET MOULICK	182562-21-0010	8	8	6	6	6	7
SK. SARFARAJ	182562-21-0011	8	8	6	6	7	8
SK. SHATAMIK HASSAN	182562-21-0015	8	8	7	6	6	6
POULAMI DUTTA	182562-11-0043	9	8	8	8	8	8
ANKANA SARKAR	182562-11-0044	8	8	7	6	6	8
MANTASHA ALI	182562-11-0047	9	8	8	7	8	9
SOUMYASHRI CHAKRABORTY	182562-11-0048	9	8	7	8	8	8
RAJARSREE BAIDYA	182562-11-0049	9	8	7	8	8	9
CO Attainment		8.5	8.08	7.08	6.92	7.08	7.75

Course Outcome Wise Attainment
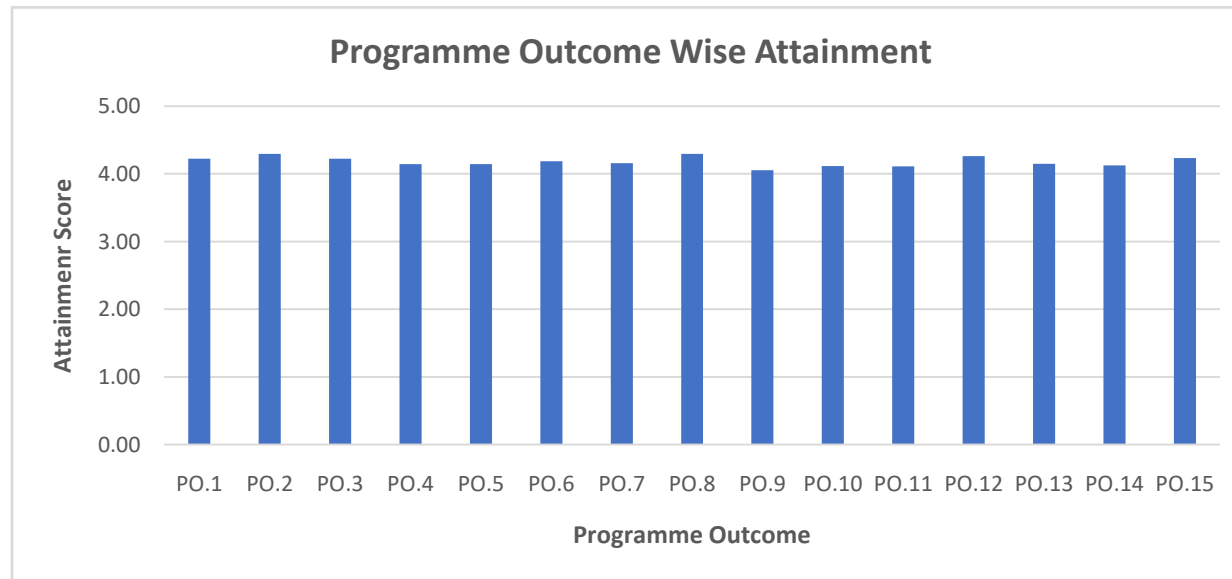
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The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	5	4	3	4	4		
Programme Outcomes	PO1	2	4	3	2	4	3	18	4.22
	PO2	4	3	3	2	3	2	17	4.29
	PO3	3	4	2	3	2	4	18	4.22
	PO4	2	2	2	2	3	3	14	4.14
	PO5	3	2	2	3	2	2	14	4.14
	PO6	2	3	4	2	3	2	16	4.19
	PO7	4	2	3	3	4	3	19	4.16
	PO8	3	4	1	2	3	4	17	4.29
	PO9	4	1	3	4	3	4	19	4.05
	PO10	2	3	4	3	3	2	17	4.12
	PO11	3	2	4	3	4	2	18	4.11
	PO12	4	3	3	2	4	3	19	4.26
	PO13	3	4	2	4	3	4	20	4.15
	PO14	3	2	1	3	4	3	16	4.13
	PO15	3	3	4	2	3	2	17	4.24

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*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

S. GANGULI
Department of English
Maheshtala College

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ProgrammeName:B.A. Honours

Course: Honours in Philosophy

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Indian Philosophy provides a comprehensive introduction to key thinkers of Vedic and non – Vedic Philosophy.
CO.2	Western Philosophy gives the opportunity to get acquainted with the theories of many Western philosophers of different ages. Epistemology and Metaphysical discussion play a great role.
CO.3	Indian Philosophy provides a comprehensive introduction to key thinkers of Vedic and non – Vedic Philosophy.
CO.4	Western Philosophy gives the opportunity to get acquainted with the theories of many Western philosophers of different ages. Epistemology and Metaphysical discussion play a great role.
CO.5	Psychology gives a clear understanding of human mind and various mental activities such as Intelligence, Consciousness, Learning etc.
CO.6	Social and Political Philosophy interprets and evaluates various social and political theories of renowned personalities.
CO.7	The study of Religion helps people treat religious beliefs and activities rationally. Students can know the basic origin and the historical background of the different religions all over the world.
CO.8	The study of Logic has helped to develop logical skill, critical thinking and mathematical abilities to solve problems of different situations.
CO.9	Linguistic analysis enables to solve different epistemological and metaphysical

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	problems.
CO.10	The study of Ethics helps us to response and recognise to ethical issues in the real world from the standpoint of Western Philosophy The study of Ethics helps us to response and recognise to ethical issues in the real world from the standpoint of Western Philosophy

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully,

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		read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the

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		interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all

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		aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Indian Philosophy provides a comprehensive introduction to key thinkers of Vedic and non – Vedic Philosophy.	Knowledge
Western Philosophy gives the opportunity to get acquainted with the theories of many Western philosophers of	Understanding

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different ages. Epistemology and Metaphysical discussion play a great role.	
Linguistic analysis enables to solve different epistemological and metaphysical problems.	Application
The study of Logic has helped to develop logical skill, critical thinking and mathematical abilities to solve problems of different situations.	Analysis
The study of Religion helps people treat religious beliefs and activities rationally. Students can know the basic origin and the historical background of the different religions all over the world.	Synthesis
Psychology gives a clear understanding of human mind and various mental activities such as Intelligence, Consciousness, Learning etc.	Evaluation

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CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	5	4	3	2	4	3
PO.2	4	3	3	2	3	2
PO.3	3	4	2	3	2	4
PO.4	2	2	4	2	3	3
PO.5	3	2	2	4	2	2
PO.6	2	3	4	2	3	2
PO.7	4	5	3	3	4	3
PO.8	3	4	5	2	3	4
PO.9	4	1	3	4	3	4
PO.10	2	3	4	3	2	2
PO.11	3	2	4	3	4	2
PO.12	4	3	3	3	4	3
PO.13	3	4	2	4	3	4
PO.14	3	2	1	3	4	3
PO.15	3	3	4	2	3	2

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Indian Philosophy provides a comprehensive introduction to key thinkers of Vedic and non – Vedic Philosophy.

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PSO.2	Western Philosophy gives the opportunity to get acquainted with the theories of many Western philosophers of different ages. Epistemology and Metaphysical discussion play a great role.
PSO.3	Psychology gives a clear understanding of human mind and various mental activities such as Intelligence, Consciousness, Learning etc.
PSO.4	Social and Political Philosophy interprets and evaluates various social and political theories of renowned personalities.
PSO.5	The study of Logic has helped to develop logical skill, critical thinking and mathematical abilities to solve problems of different situations.
PSO.6	Linguistic analysis enables to solve different epistemological and metaphysical problems.

PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✔	✔		✔		✔	✔		✔	✔		✔		✔	✔		✔		✔	✔	✔
CO2	✔	✔		✔				✔	✔		✔			✔		✔	✔		✔	✔	
CO3			✔		✔		✔	✔		✔		✔	✔		✔		✔	✔			✔
CO4	✔	✔			✔		✔		✔		✔	✔	✔		✔				✔	✔	✔

CO5			✓			✓	✓		✓			✓		✓		✓		
CO6	✓		✓		✓		✓	✓		✓		✓	✓		✓		✓	✓	✓

CO-PO Attainment

Session- 2022-23

Subject: Philosophy

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Mayuri Poral	202562-11-0071	66	8	74	74%
Dipti Das	202562-11-0072	59	7	66	66%
CO Attainment		62.5	7.5	70	70%

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Mayuri Poral	202562-11-0071	7	7	6	6	6	7
Dipti Das	202562-11-0072	7	6	6	5	5	6
CO Attainment		7	6.5	6	5.5	5.5	6.5

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2 and CO6, it is relatively low for CO3, CO4 and CO5.
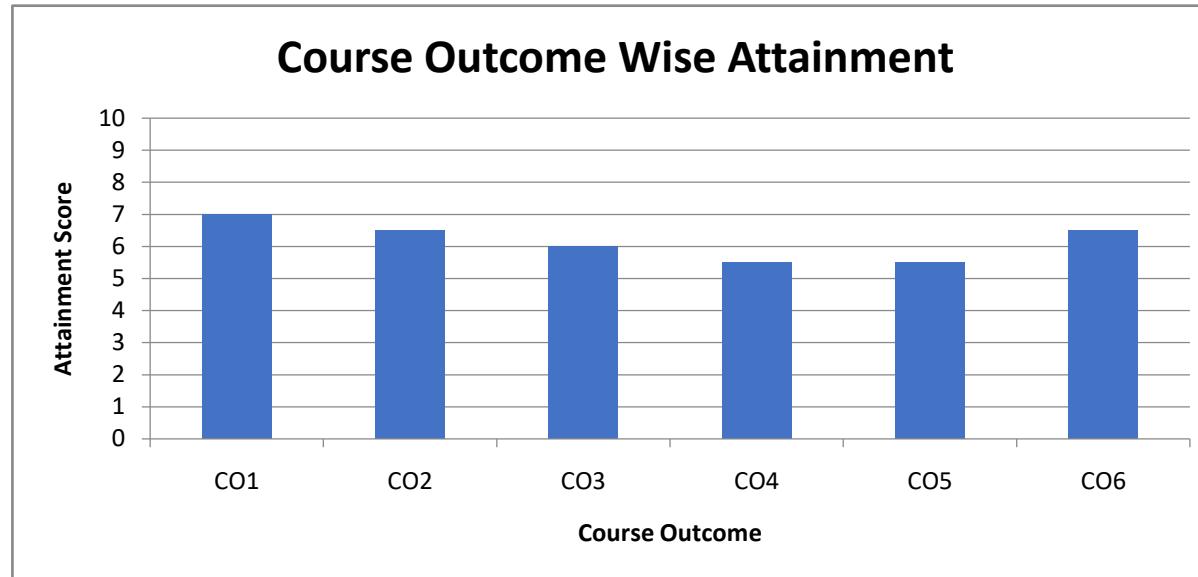
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	3	3	2	2	3		
Programme Outcomes	PO1	5	4	3	2	4	3	21	2.95
	PO2	4	3	3	2	3	2	17	2.94
	PO3	3	4	2	3	2	4	18	2.89
	PO4	2	2	4	2	3	3	16	2.81
	PO5	3	2	2	4	2	2	15	2.80
	PO6	2	3	4	2	3	2	16	2.81
	PO7	4	5	3	3	4	3	22	2.86
	PO8	3	4	5	2	3	4	21	2.90
	PO9	4	1	3	4	3	4	19	2.84
	PO10	2	3	4	3	2	2	16	2.81
	PO11	3	2	4	3	4	2	18	2.78
	PO12	4	3	3	3	4	3	20	2.85
	PO13	3	4	2	4	3	4	20	2.80
	PO14	3	2	1	3	4	3	16	2.75
	PO15	3	3	4	2	3	2	17	2.88

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*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Sd./-

Department of Philosophy
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CO-PO Attainment

Session- 2021-22

Subject: Philosophy

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
FirojaKhatun	192562-11-0077	75.00	8	83.00	83.00
Rohit Mali	192562-21-0027	54.5	7	61.50	61.50
SonuKamath	192562-11-0076	56.75	7	63.75	63.75
CO Attainment		62.08	7.33	69.42	69.42

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Firoja Khatun	192562-11-0077	8	8	7	6	8	8
Rohit Mali	192562-21-0027	6	6	5	5	5	5
Sonu Kamath	192562-11-0076	7	6	5	5	5	6
CO Attainment		7	6.67	5.67	5.33	6	6.33

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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	3	2	2	3	3		
Programme Outcomes	PO1	5	4	3	2	4	3	21	3.00
	PO2	4	3	3	2	3	2	17	2.94
	PO3	3	4	2	3	2	4	18	2.89
	PO4	2	2	4	2	3	3	16	2.75
	PO5	3	2	2	4	2	2	15	2.80
	PO6	2	3	4	2	3	2	16	2.75
	PO7	4	5	3	3	4	3	22	2.91
	PO8	3	4	5	2	3	4	21	2.81
	PO9	4	1	3	4	3	4	19	2.84
	PO10	2	3	4	3	2	2	16	2.69
	PO11	3	2	4	3	4	2	18	2.78
	PO12	4	3	3	3	4	3	20	2.90
	PO13	3	4	2	4	3	4	20	2.85
	PO14	3	2	1	3	4	3	16	2.94
	PO15	3	3	4	2	3	2	17	2.82

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
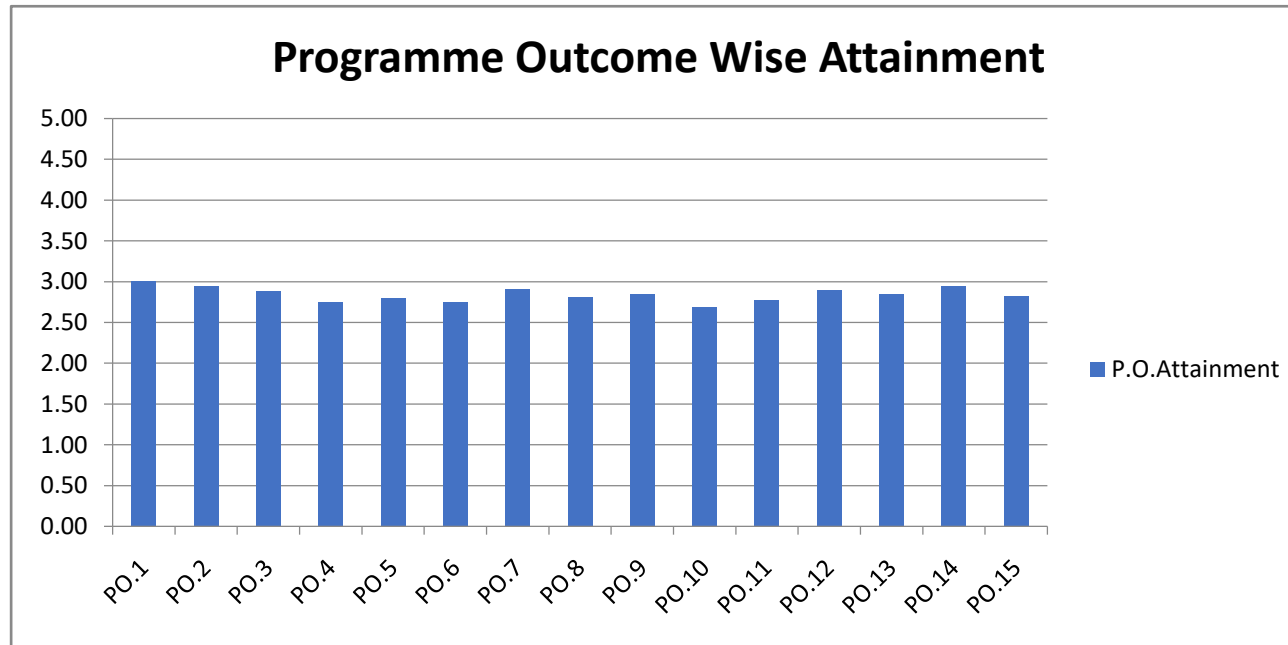
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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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CO-PO Attainment

Session- 2020-21

Subject: Philosophy

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Sourav Sardar	182562-21-0022	94.50	5	99.50	99.50
Sahani Nasrin Ricta	182562-11-0066	91.25	5	96.25	96.25
Malabika Mallick	182562-11-0067	82.25	5	87.25	87.25
CO Attainment		89.33	5	94.33	94.33

Student-wise Attainment Level for Course Outcome: Final Semester

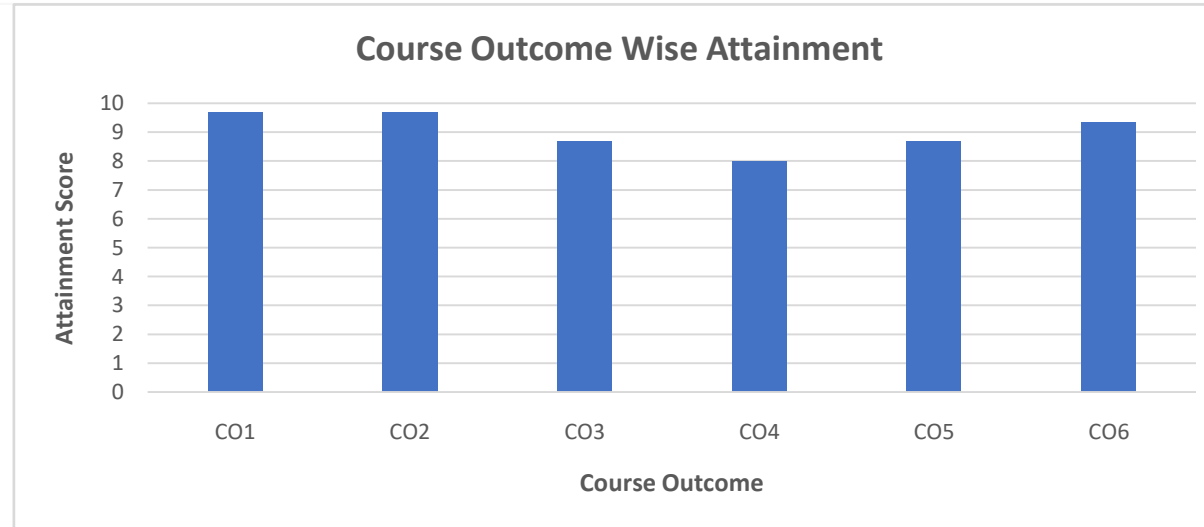| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Sourav Sardar	182562-21-0022	10	10	9	9	9	10
Sahani Nasrin Ricta	182562-11-0066	10	10	9	8	9	10
Malabika Mallick	182562-11-0067	9	9	8	7	8	8
CO Attainment		9.67	9.67	8.67	8	8.67	9.33

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Website: www.maheshtalacollege.ac.in

Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2 and CO6, it is relatively low for CO3, CO4 and CO5.
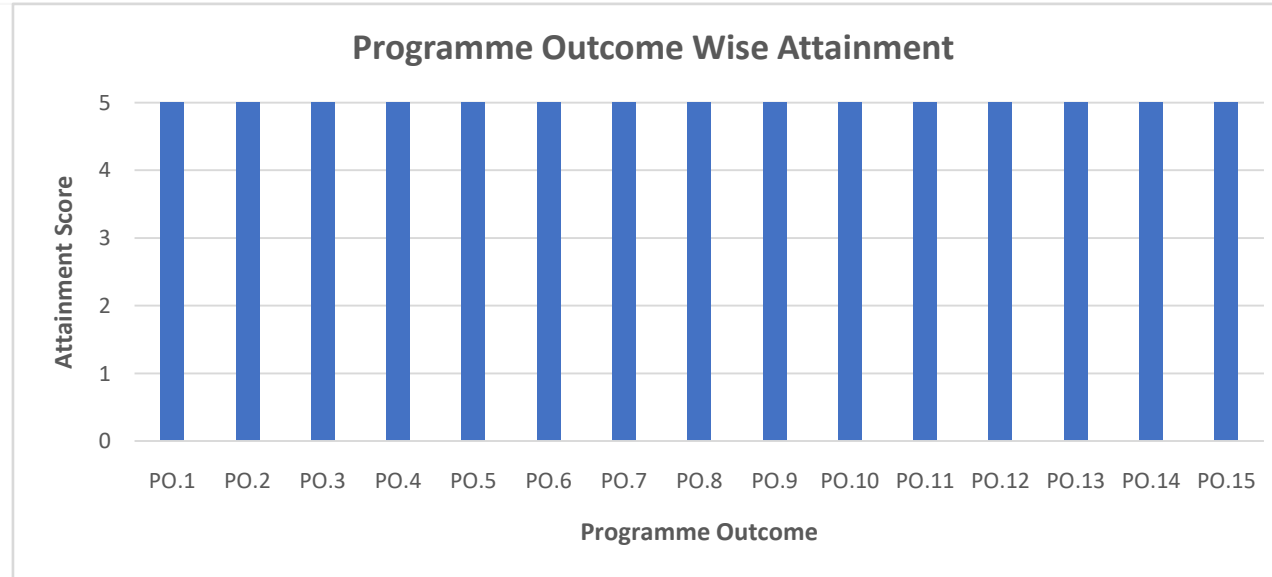
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	5	5	5	5	5	5		
Programme Outcomes	PO1	5	4	3	2	4	3	21	5.00
	PO2	4	3	3	2	3	2	17	5.00
	PO3	3	4	2	3	2	4	18	5.00
	PO4	2	2	4	2	3	3	16	5.00
	PO5	3	2	2	4	2	2	15	5.00
	PO6	2	3	4	2	3	2	16	5.00
	PO7	4	5	3	3	4	3	22	5.00
	PO8	3	4	5	2	3	4	21	5.00
	PO9	4	1	3	4	3	4	19	5.00
	PO10	2	3	4	3	2	2	16	5.00
	PO11	3	2	4	3	4	2	18	5.00
	PO12	4	3	3	3	4	3	20	5.00
	PO13	3	4	2	4	3	4	20	5.00
	PO14	3	2	1	3	4	3	16	5.00
	PO15	3	3	4	2	3	2	17	5.00

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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ProgrammeName: B.A. Honours

Course: Honours in Political Science

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Preparing students for understanding the theoretical dimension of politics.
CO.2	Developing the ability to comprehend the relationships between constitutionalism, democracy and governance.
CO.3	Imparting knowledge on different terms of the legal structure of India
CO.4	Synthesis between basic tenets of rights and Duties of citizens
CO.5	Analysis of thenatureandscopeofcomparativepolitics
CO.6	Understanding scope and subject matter of international relations as an autonomous academicdiscipline
CO.7	Tracing the evolution of Indian political thought from ancient India to modernIndia
CO.8	Evaluation theconceptsofpower,authorityandlegitimacyinthecontextof society.
CO.9	Analysingthemajorconceptsinpublicadministration
CO.10	Providing an insight into the dominant features of ancient western political thought

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome,
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

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List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.

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PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

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Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Imparting knowledge on different terms of the legal structure of India	Knowledge
Understanding scope and subject matter of international relations as an autonomous academicdiscipline	Understanding
Developing the ability to comprehend the relationships between constitutionalism, democracy and governance.	Application
Analysingthemajorconceptsinpublicadministration	Analysis
Synthesis between basic tenets of rights and Duties of citizens	Synthesis
Evaluation the concepts of power, authority and legitimacy in the context of society	Evaluation

CO-PO Mapping

(Indicatecorrelation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	5	4	4	4	4	4
PO.2	4	5	3	3	3	3
PO.3	4	4	4	5	5	5

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PO.4	3	4	5	5	4	4
PO.5	3	3	3	5	5	4
PO.6	3	4	5	5	4	5
PO.7	5	3	4	4	3	3
PO.8	3	3	3	4	3	4
PO.9	4	4	4	4	4	4
PO.10	3	3	3	3	3	3
PO.11	3	3	3	3	3	4
PO.12	4	5	4	4	4	4
PO.13	3	4	4	4	5	4
PO.14	4	4	4	5	5	4
PO.15	4	4	4	4	4	4

List of Programme Specific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Effective citizenship
PSO.2	Communication
PSO.3	Critical thinking
PSO.4	Individual and team work
PSO.5	Political awareness
PSO.6	Leadership readiness/qualities

PO-CO-PSO Mapping: Tick mark against each cell (wherever applicable)

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO.10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO.1	✔		✔			✔		✔			✔				✔		✔		✔	✔	
CO.2		✔					✔		✔	✔		✔	✔	✔		✔					
CO.3	✔		✔	✔				✔			✔		✔		✔		✔	✔			✔
CO.4		✔					✔			✔			✔		✔			✔		✔	
CO.5		✔					✔		✔		✔		✔		✔				✔		✔
CO.6	✔			✔		✔					✔						✔				

CO Attainment

Session- 2022-23

Subject: Political Science

| Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

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Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Alipriya Paul	202562-11-0060	73.75	9	82.75	82.75
Sumaiya Parvin	202562-11-0062	69.25	9	78.25	78.25
Sumaiya Parveen	202562-11-0067	66.20	8	74.20	74.20
Tarannum Khatun	202562-11-0064	62.50	8	70.50	70.50
CO Attainment		69.92	8.5	79.42	76.42

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Alipriya Paul	202562-11-0060	8	8	6	7	7	8
Sumaiya Parvin	202562-11-0062	8	7	6	7	6	7
Sumaiya Parveen	202562-11-0067	7	6	6	7	7	7
Tarannum Khatun	202562-11-0064	7	6	6	6	6	6
CO Attainment		7.5	6.75	6.0	6.75	6.50	7.0

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Course Wise Outcome Attainment
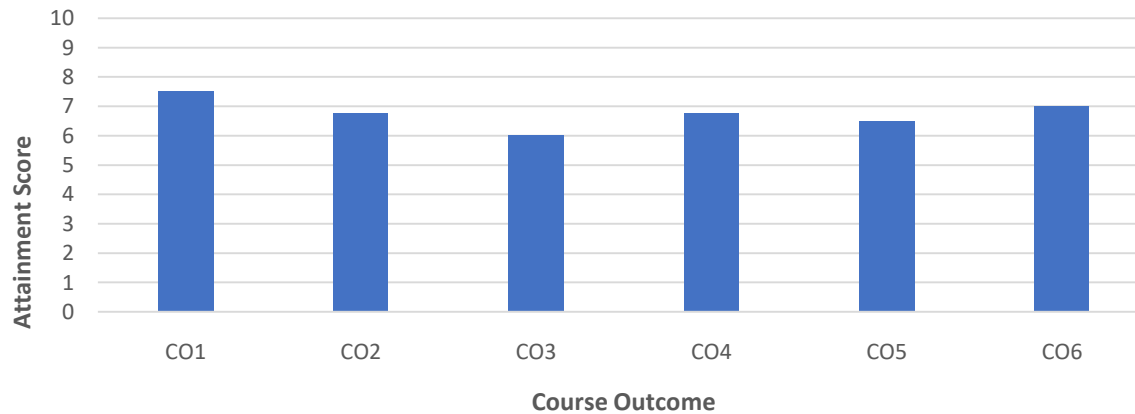
The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, CO4 and CO6, it is relatively low for CO3 and CO5.
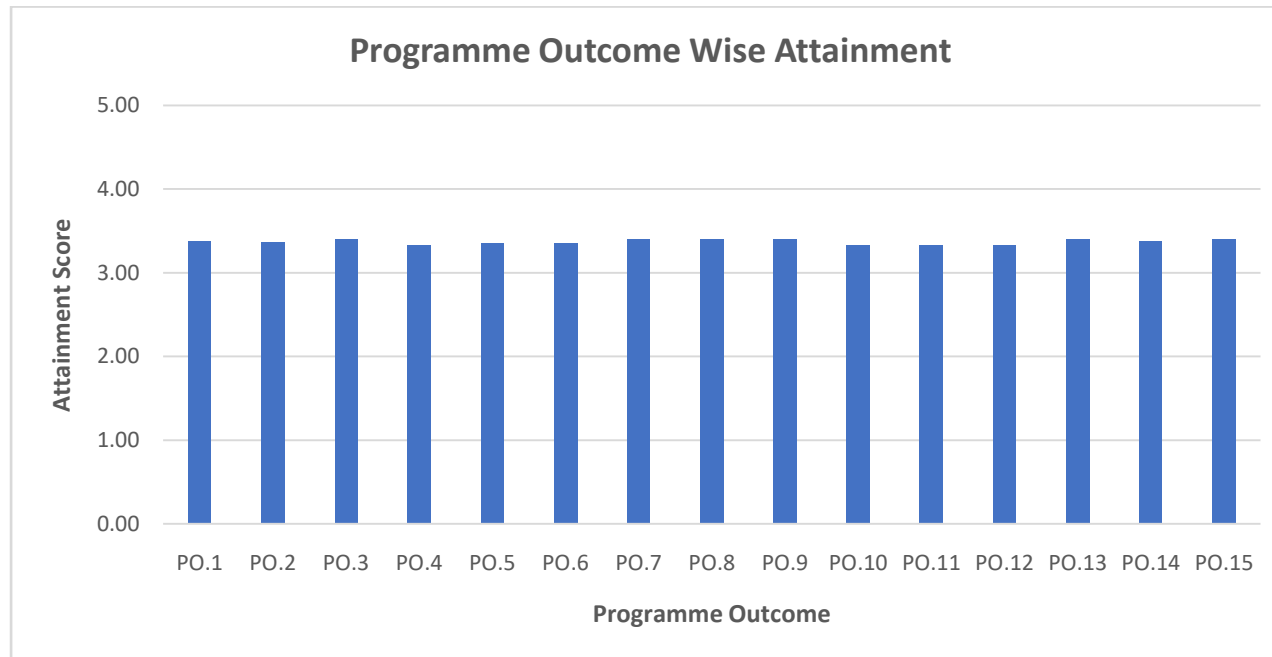
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	3	3	3	3	4		
Programme Outcomes	PO1	4	4	3	3	3	4	21	3.38
	PO2	4	3	3	3	3	3	19	3.37
	PO3	4	3	3	3	3	4	20	3.40
	PO4	3	4	3	4	3	4	21	3.33
	PO5	4	3	3	4	3	3	20	3.35
	PO6	3	4	3	3	3	4	20	3.35
	PO7	5	3	3	3	3	3	20	3.40
	PO8	4	3	3	3	3	4	20	3.40
	PO9	4	3	3	3	3	4	20	3.40
	PO10	3	3	3	3	3	3	18	3.33
	PO11	3	3	3	3	3	3	18	3.33
	PO12	4	4	4	3	3	3	21	3.33
	PO13	4	3	3	3	3	4	20	3.40
	PO14	4	4	3	3	3	4	21	3.38
	PO15	4	3	3	3	3	4	20	3.40

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

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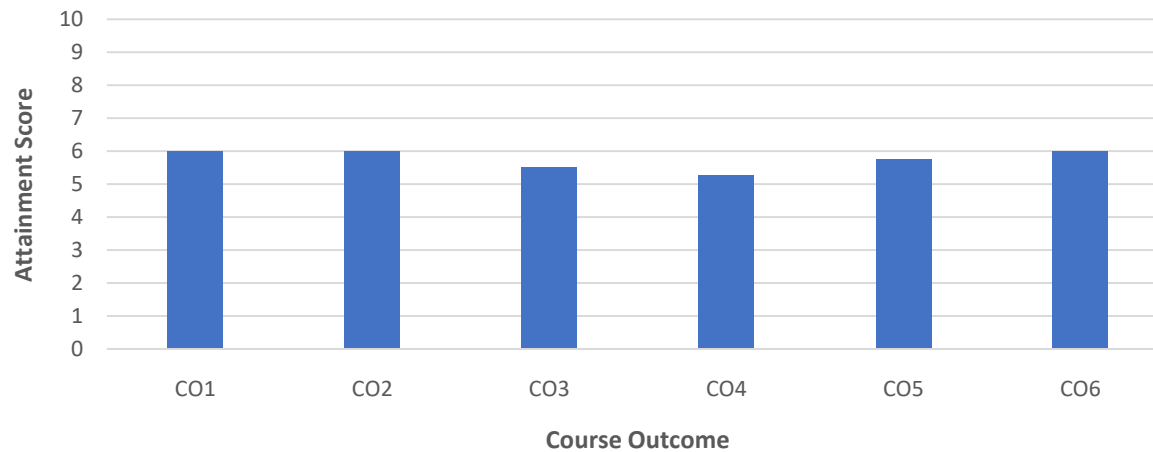
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CO-PO Attainment

Session- 2021-22

Subject: Political Science

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Ayon Naskar	192562-21-0033	59.50	7	66.50	66.50
Minakhi Mondal	192562-21-0086	57.25	7	64.25	64.25
Sanjida Yasmin	192562-21-0080	56.50	7	63.50	63.50
Sneha Das	192562-21-0081	59.75	7	66.75	66.75
CO Attainment		58.25	7	65.25	65.25

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Ayon Naskar	192562-21-0033	6	6	6	5	6	6
Minakhi Mondal	192562-21-0086	6	6	6	5	5	6
Sanjida Yasmin	192562-21-0080	6	6	5	5	6	6
Sneha Das	192562-21-0081	6	6	5	6	6	6
CO Attainment		6	6	5.5	5.25	5.75	6

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Course Outcome Wise Attainment

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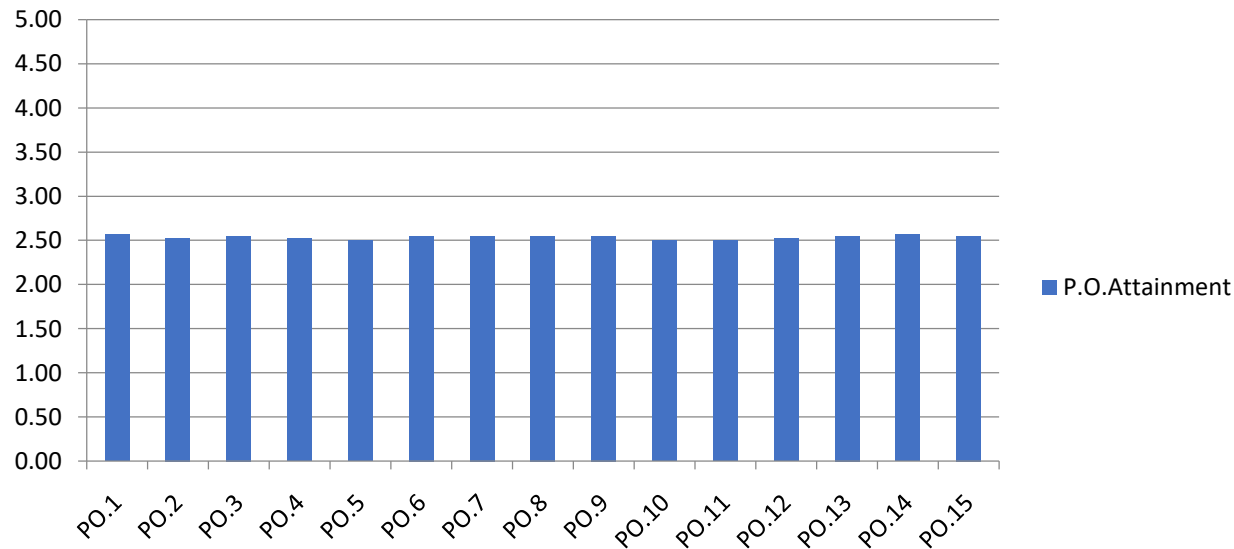
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	3	2	2	2	3		
Programme Outcomes	PO1	4	4	3	3	3	4	21	2.57
	PO2	4	3	3	3	3	3	19	2.53
	PO3	4	3	3	3	3	4	20	2.55
	PO4	3	4	3	4	3	4	21	2.52
	PO5	4	3	3	4	3	3	20	2.50
	PO6	3	4	3	3	3	4	20	2.55
	PO7	5	3	3	3	3	3	20	2.55
	PO8	4	3	3	3	3	4	20	2.55
	PO9	4	3	3	3	3	4	20	2.55
	PO10	3	3	3	3	3	3	18	2.50
	PO11	3	3	3	3	3	3	18	2.50
	PO12	4	4	4	3	3	3	21	2.52
	PO13	4	3	3	3	3	4	20	2.55
	PO14	4	4	3	3	3	4	21	2.57
	PO15	4	3	3	3	3	4	20	2.55

*Average CO attainments are calculated on the basis of 5point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Sanjibita Mondal.

Department of Political Science

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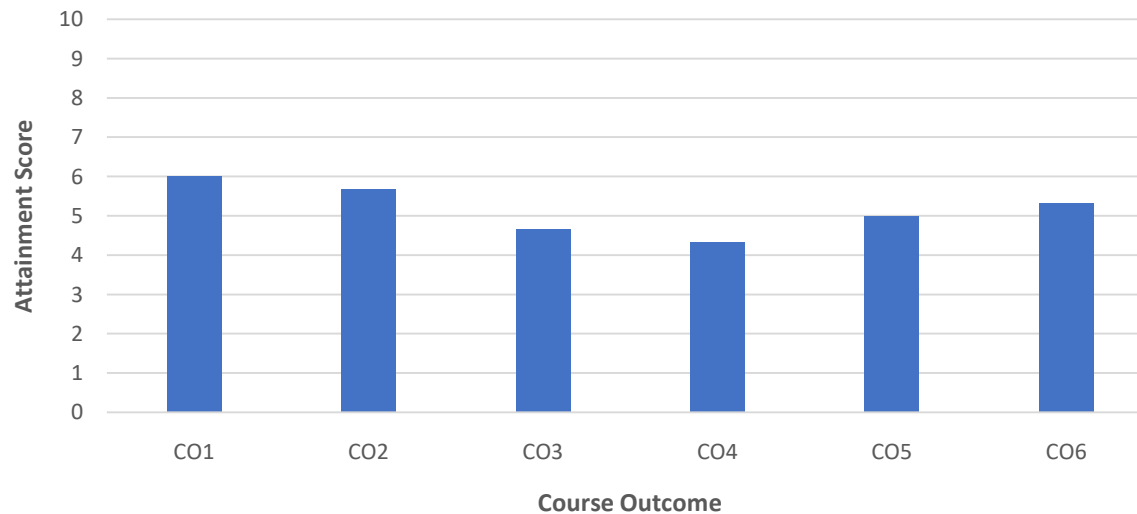
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CO-PO Attainment

Session- 2020-21

Subject: Political Science

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Azmira Khatun	2562-51-0048	55.75	8	63.75	63.75
Sahina Khatun	2562-51-0049	49.62	8	57.62	57.62
Monika Khatun	2562-51-0050	49.37	7	56.37	56.37
CO Attainment		51.58	7.67	59.25	59.25

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Azmira Khatun	2562-51-0048	7	6	5	5	5	6
Sahina Khatun	2562-51-0049	6	5	5	4	5	5
Monika Khatun	2562-51-0050	5	6	4	4	5	5
CO Attainment		6	5.67	4.67	4.33	5	5.33

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Course Outcome Wise Attainment

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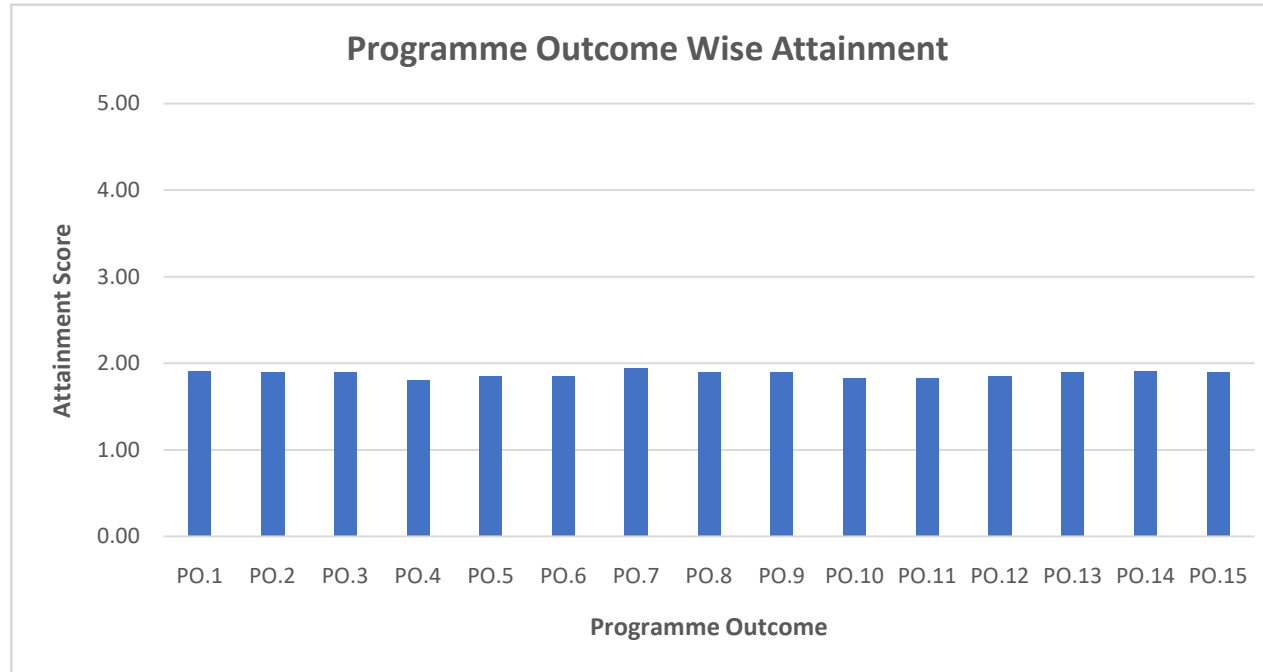
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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com

☎: 6289482452 (Office)

Website: www.maheshtalacollege.ac.in

KNOWLEDGE IS POWER

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	2	1	1	2	2		
Programme Outcomes	PO1	4	4	3	3	3	4	21	1.90
	PO2	4	3	3	3	3	3	19	1.89
	PO3	4	3	3	3	3	4	20	1.90
	PO4	3	4	3	4	3	4	21	1.81
	PO5	4	3	3	4	3	3	20	1.85
	PO6	3	4	3	3	3	4	20	1.85
	PO7	5	3	3	3	3	3	20	1.95
	PO8	4	3	3	3	3	4	20	1.90
	PO9	4	3	3	3	3	4	20	1.90
	PO10	3	3	3	3	3	3	18	1.83
	PO11	3	3	3	3	3	3	18	1.83
	PO12	4	4	4	3	3	3	21	1.86
	PO13	4	3	3	3	3	4	20	1.90
	PO14	4	4	3	3	3	4	21	1.90
	PO15	4	3	3	3	3	4	20	1.90

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Department of Political Science
Maheshtala College

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ProgrammeName :B.A. Honours

Course : Honours in Sanskrit

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Students will be aware of the Classical Sanskrit Literature based on poetry (selected portion) and they also can achieve general ideas of the origin and development of Sanskrit Mahakavyas and Gitikavyas.
CO.2	Students will be able to get knowledge about Vedic literature through the brief introduction of Saṃhita, Brahmaṇa, Araṇyaka, Upaniṣad and Vedaṅga. They will also be familiar with different aspects of two famous Indian epics ie. Ramayaṇa, Mahabharata and also Puraṇas. They will acquire a general introduction of Vyakaraṇa, Darśaṇa, and Sahityaśastra.
CO.3	Students will be familiar with the Classical Sanskrit Literature based on prose (selected portion). They would also be introduced to the Origin and Development of prose, important prose romances and fables.
CO.4	Students will be able to acquire knowledge of the different theories of Bhagavadgita.
CO.5	Students will be aware of the Classical Sanskrit Literature based on Drama
CO.6	Students will be introduced to Sanskrit poetics, forms of Kavya-Literature, Sabda-śakti and Rasa-sutra, Figures of speech, and Meter.
CO.7	Students would be introduced to different aspects of Ancient Indian society i.e. Nature and Concepts of Indian Social institutions, Structure of Society and Values of Life, Origin and Development of Indian polity, Cardinal Theories and Thinkers of Indian Polity.
CO.8	Students will gather knowledge of Indian Epigraphy, Palaeography, and Chronology.
CO.9	Modern Sanskrit Literature would be introduced to students through Mahakavya, Charitakavya, Gadya, and Rupaka
CO.10	Sanskrit World Literature would be introduced to students through following topics i.e. Sanskrit Studies in West, Sanskrit Studies in East, Sanskrit fables in World literature, Ramayaṇa and Mahabharata in South Eastern Asia, Kalidasa in the West, Sanskrit studies across the world.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge

CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect

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		relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

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C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Students will be introduced to Sanskrit poetics, forms of Kavya-Literature, Sabda-śakti and Rasa-sutra, Figures of speech, and Meter.	Knowledge
Students will be able to get knowledge about Vedic literature through the brief introduction of Saṃhita, Brahmaṇa, Araṇyaka, Upaniṣad and Vedaṅga. They will also be familiar with different aspects of two famous Indian epics ie. Ramayaṇa, Mahabharata and also Puraṇas. They will acquire a general introduction of Vyakaraṇa, Darśaṇa, and Sahityaśastra.	
Students would be introduced to different aspects of Ancient Indian society i.e. Nature and Concepts of Indian Social institutions, Structure of Society and Values of Life, Origin and Development of Indian polity, Cardinal Theories and Thinkers of Indian Polity.	Understanding
Students will be aware of the Classical Sanskrit Literature based on poetry (selected portion) and they also can achieve general ideas of the origin and development of Sanskrit Mahakavyas and Gitikavyas.	
Students will gather knowledge of Indian Epigraphy, Palaeography, and Chronology.	Application
Students will be aware of the Classical Sanskrit Literature based on Drama	
Modern Sanskrit Literature would be introduced to students through Mahakavya, Charitakavya, Gadya, and Rupaka	Analysis
Sanskrit World Literature would be introduced to students through following topics i.e. Sanskrit Studies in West, Sanskrit Studies in East, Sanskrit fables in World literature, Ramayaṇa and Mahabharata in South Eastern Asia, Kalidasa in the West, Sanskrit studies across the world.	Synthesis
Students will be familiar with the Classical Sanskrit Literature based on prose (selected portion). They would also be introduced to the Origin and Development of prose, important prose romances and fables.	Evaluation
Students will be able to acquire knowledge of the different theories of Bhagavadgita.	

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CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	3	2	3	2	4	3
PO.2	2	3	3	2	3	2
PO.3	3	3	2	3	2	3
PO.4	2	2	2	2	3	3
PO.5	3	2	2	3	2	2
PO.6	2	3	4	2	2	2
PO.7	4	2	3	3	4	3
PO.8	3	4	3	2	3	4
PO.9	4	1	4	2	3	4
PO.10	2	3	4	3	3	2
PO.11	3	2	4	3	4	2
PO.12	4	3	3	2	4	3
PO.13	2	4	3	2	3	4
PO.14	3	2	1	3	4	3
PO.15	4	3	4	2	3	2

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Students will be introduced to Sanskrit poetics.
PSO.2	Nation and nationalism
PSO.3	Students will gather knowledge of Veda, Upanisad, and Gita.
PSO.4	Knowledge about philosophy, religion, and culture in Sanskrit tradition.

PSO.5	Spoken skill of Sanskrit language and basic knowledge on computer.
PSO.6	Sanskrit Grammar through some selected topics i.e. Technical terms and vibhaktyarthaprakarana.

PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

|	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✓	✓		✓		✓	✓			✓		✓	✓			✓		✓		✓	✓
CO2	✓		✓	✓		✓		✓	✓		✓			✓	✓		✓	✓		✓	
CO3		✓		✓	✓		✓	✓		✓		✓	✓	✓		✓		✓	✓		✓
CO4	✓		✓			✓	✓		✓		✓	✓	✓		✓		✓			✓	
CO5	✓		✓		✓		✓	✓		✓			✓	✓			✓		✓		
CO6		✓		✓		✓	✓		✓	✓		✓	✓		✓	✓		✓		✓	✓

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CO-PO Attainment

Session- 2022-23

Subject: Sanskrit

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Riya Paul	202562-11-0073	61.00	8	69.00	69.00
Tiyasha Hazra	202562-11-0074	59.00	8	67.00	67.00
CO Attainment		60.00	8	68.00	68.00

Student-wise Attainment Level for Course Outcome: Final Semester

2023							
Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Riya Paul	202562-11-0073	7	7	6	5	6	6
Tiyasha Hazra	202562-11-0074	7	6	6	5	6	6
CO Attainment		7	6.5	6	5	6	6

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Course Outcome Wise Attainment
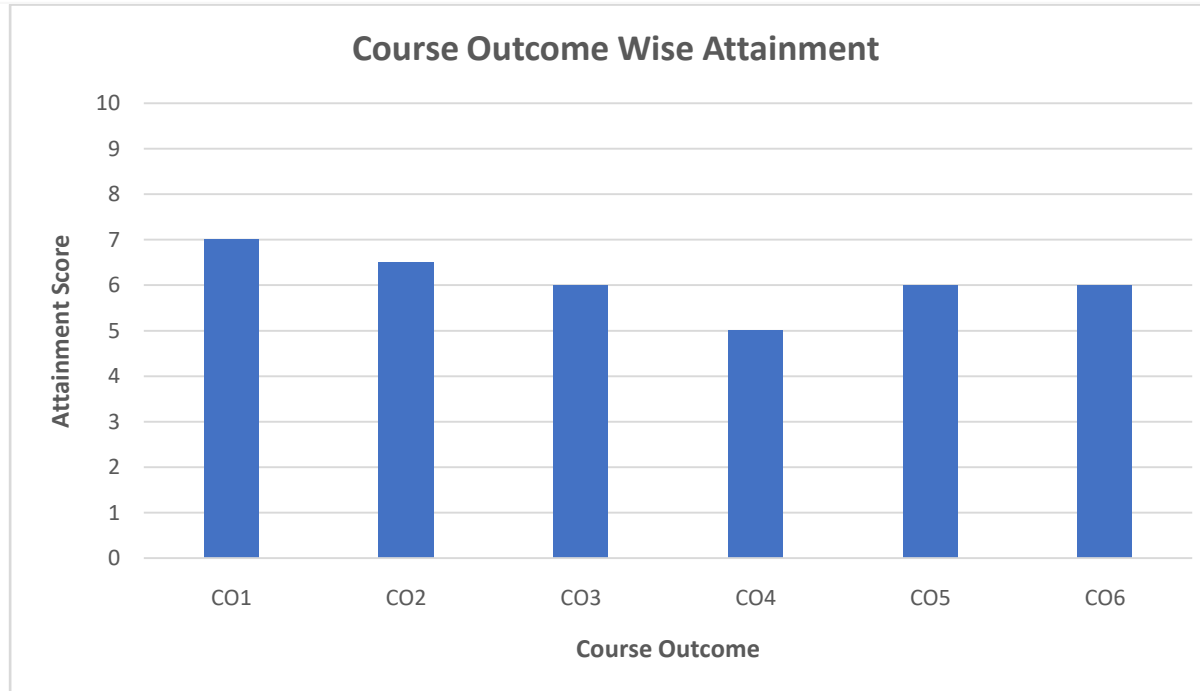
The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, and CO2, it is relatively low for CO3, CO4, CO5 and CO6.
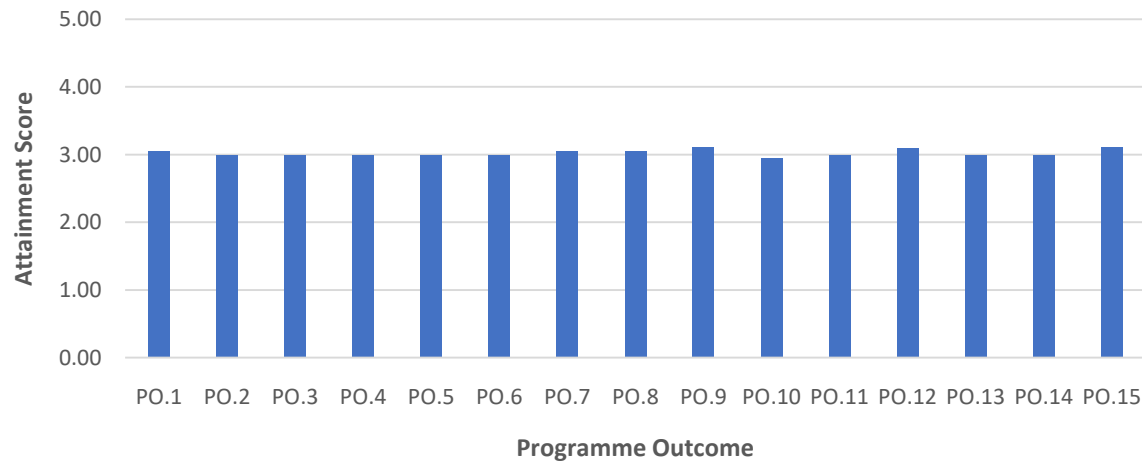
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	3	3	2	3	3		
Programme Outcomes	PO1	3	2	3	2	4	3	17	3.06
	PO2	2	3	3	2	3	2	15	3.00
	PO3	3	3	2	3	2	3	16	3.00
	PO4	2	2	2	2	3	3	14	3.00
	PO5	3	2	2	3	2	2	14	3.00
	PO6	2	3	4	2	2	2	15	3.00
	PO7	4	2	3	3	4	3	19	3.05
	PO8	3	4	3	2	3	4	19	3.05
	PO9	4	1	4	2	3	4	18	3.11
	PO10	2	3	4	3	3	2	17	2.94
	PO11	3	2	4	3	4	2	18	3.00
	PO12	4	3	3	2	4	3	19	3.11
	PO13	2	4	3	2	3	4	18	3.00
	PO14	3	2	1	3	4	3	16	3.00
	PO15	4	3	4	2	3	2	18	3.11

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Department of Sanskrit
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CO Attainment
Session- 2020-21
Subject: Sanskrit

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Mousumi Dalui	182562-11-0085	79.00	8	87.00	87.00
CO Attainment		79.00	8	87.00	87.00

Student-wise Attainment Level for Course Outcome: Final Semester

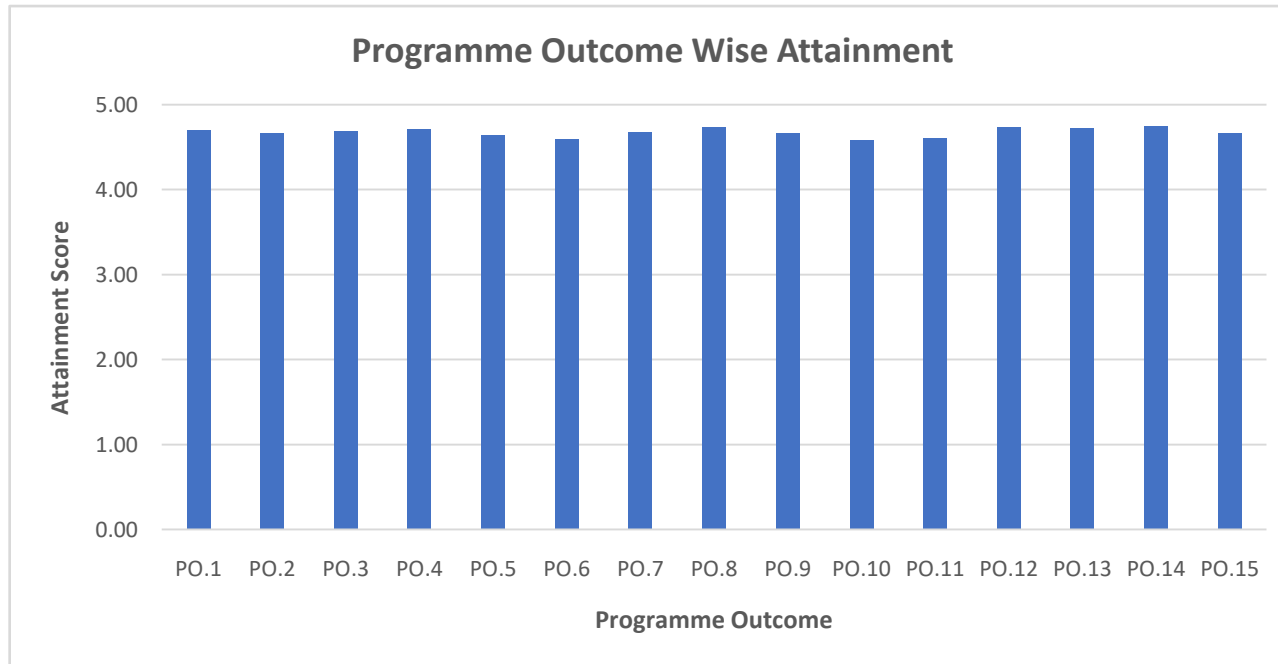| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Mousumi Dalui	182562-11-0085	9	8	7	7	8	8
CO Attainment		9	8	7	7	8	8
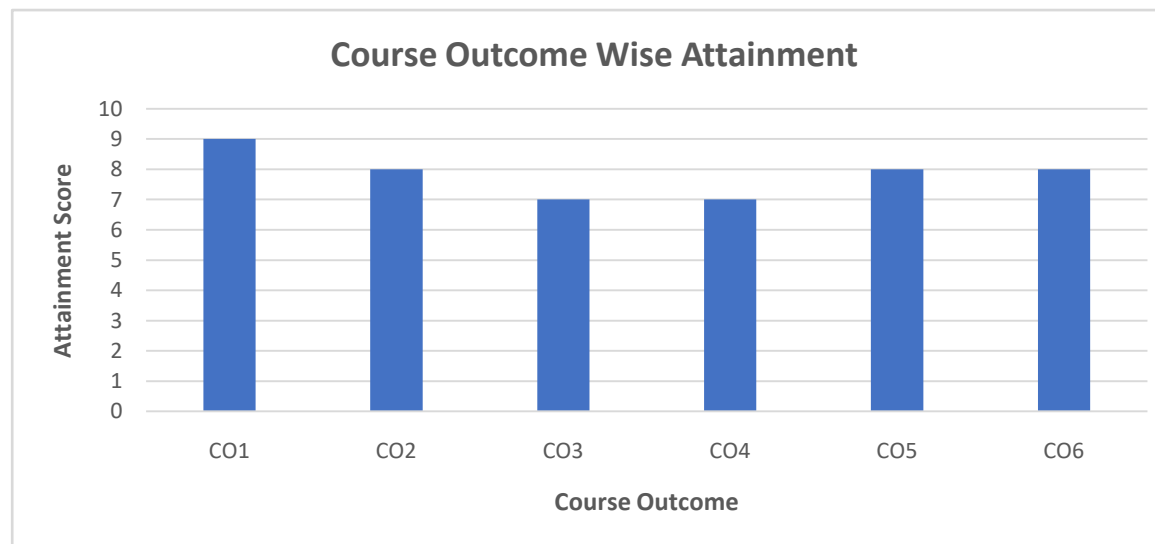
Course Outcome Wise Attainment

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The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, CO5 and CO6, it is relatively low for CO3 and CO4.

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	5	4	4	5	5		
Programme Outcomes	PO1	3	2	3	2	4	3	17	4.71
	PO2	2	3	3	2	3	2	15	4.67
	PO3	3	3	2	3	2	3	16	4.69
	PO4	2	2	2	2	3	3	14	4.71
	PO5	3	2	2	3	2	2	14	4.64
	PO6	2	3	4	2	2	2	15	4.60
	PO7	4	2	3	3	4	3	19	4.68
	PO8	3	4	3	2	3	4	19	4.74
	PO9	4	1	4	2	3	4	18	4.67
	PO10	2	3	4	3	3	2	17	4.59
	PO11	3	2	4	3	4	2	18	4.61
	PO12	4	3	3	2	4	3	19	4.74
	PO13	2	4	3	2	3	4	18	4.72
	PO14	3	2	1	3	4	3	16	4.75
	PO15	4	3	4	2	3	2	18	4.67

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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Programme Name: B.A. &B.ScHonours

Course : Honours in Geography

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Students will learn the Earth's physical aspects like atmosphere, topography, in a broad sense and how humans affect those things and in turn are affected by them.
CO.2	In the research activities geomorphology can be used as thebasic framework to determine sample areas, and also can be used as the framework to land resources evaluation with landform units as land mapping units or evaluation units.
CO.3	Human geography is a discipline that links together the social sciences and the natural sciences, with geographers often studying how people interact with the environment.
CO.4	Geographers can specialize in surveying, either by joining the Survey of India or state survey departments or private organizations. Surveyors map the surface of the earth through mathematical observations and fieldwork. This is one of many geography jobs in India
CO.5	As a professional in this field, geographers are required to analyze scientific data and conduct research concerning climate and climate change and make predictions regarding the future of Earth's climate and weather.
CO.6	Coastal flooding and other aspects of coasts analysis. Strong knowledge on World Geography and culture. Prior experience in the Tourism Industry preferred or else genuine interest in it as a career.
CO.7	You will learn to understand these region-specific socio-economic development paths. We focus on the actions of people and firms and how they govern regional economic development.

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CO.8	Biogeography study the nature and use of areas of the Earth's surface, relating and interpreting interactions of physical and cultural
CO.9	Rural management is the study of planning, organizing, directing, and controlling of rural areas, co-operatives, agribusiness, and allied fields. It merges the knowledge of management studies and applies it in the rural context
CO.10	Geographical research is increasingly based on secondary data, but most applications of fieldwork to geographical problems.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express

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		herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the

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		part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues;

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☏: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

		and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Students will have strong knowledge on World Geography and culture while studying Coastal flooding and other aspects of coasts analysis.	Knowledge
Students will learn the Earth's physical aspects like atmosphere, topography, in a broad sense and how humans affect those	Understanding

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things and in turn are affected by them.	
In the research activities geomorphology can be used as thebasic framework to determine sample areas, and also can be used as the framework to land resources evaluation with landform units as land mapping units or evaluation units.	Application
Rural management is the study of planning, organizing, directing, and controlling of rural areas, co-operatives, agribusiness, and allied fields. It merges the knowledge of management studies and applies it in the rural context	Analysis
Human geography is a discipline that links together the social sciences and the natural sciences, with geographers often studying how people interact with the environment.	Synthesis
As a professional in this field, geographers are required to analyze scientific data and conduct research concerning climate and climate change and make predictions regarding the future of Earth's climate and weather.	Evaluation

CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	3	4	3	2	4	2
PO.2	2	3	3	4	3	2
PO.3	3	4	2	3	2	4
PO.4	4	2	3	2	3	3
PO.5	3	4	2	3	2	3
PO.6	2	3	4	2	3	4
PO.7	4	2	1	3	4	3
PO.8	3	4	3	2	1	4
PO.9	3	2	3	4	3	4
PO.10	3	3	4	3	4	2
PO.11	3	2	3	3	4	2
PO.12	4	3	3	2	4	3
PO.13	3	4	2	4	3	4
PO.14	4	2	3	3	2	3
PO.15	3	3	4	2	3	2

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List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Students may find it useful to have previously studied GIS and Remote Sensing as a module during your degree, and many employers also highly value a relevant postgraduate degree and/or work experience.
PSO.2	Biogeography study the nature and use of areas of the Earth's surface, relating and interpreting interactions of physical and cultural
PSO.3	As a professional in this field, geographers are required to analyze scientific data and conduct research concerning climate and climate change and make predictions regarding the future of Earth's climate and weather.
PSO.4	Environmental consultant Environmental consultants work to ensure that their commercial or government clients comply with regulations and address a variety of environmental issues
PSO.5	Global warming, Earthquakes, Coastal flooding, Drought, Hurricanes, Geographers in emergency management also often study technological hazards, such as nuclear accidents and the location of hazardous waste facilities.
PSO.6	Geographers are the professionals called upon to study the multifaceted relationships between human activity and natural systems.

PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✓		✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓
CO2	✓	✓	✓		✓	✓		✓			✓			✓			✓	✓		✓	
CO3	✓		✓	✓		✓	✓	✓	✓		✓	✓		✓	✓		✓	✓			✓
CO4	✓		✓		✓		✓		✓	✓		✓	✓		✓	✓	✓			✓	✓
CO5		✓	✓		✓		✓	✓			✓			✓			✓		✓		
CO6	✓		✓	✓		✓						✓	✓		✓	✓		✓		✓	✓

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☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

CO-PO Attainment

Session- 2022-23

Subject: Geography

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
INJAMAMUL HAQUE MOLLA	202562-21-0025	48.23	5	53.23	53.23%
SIDHARTHA SARDAR	202562-21-0029	56.66	7	63.66	63.66%
IMRUL KAYES	202562-21-0032	54.51	6	60.51	60.51%
SHARMISTHA MONDAL	193562-11-0001	50.53	5	55.53	55.53%
SABNAM SANFUI	193562-11-0002	54.97	6	60.97	60.97%
DIPANWITA GHOSH	193562-11-0009	53.99	6	59.99	59.99%
EKRA ZAHID	203562-11-0002	63.80	8	71.8	71.8%
PUJA SARDAR	203562-11-0003	52.68	6	58.68	58.68%
PAYEL MONDAL	203562-11-0005	62.98	8	70.98	70.98%
SAYAD TASNIM MIR	193562-21-0005	55.41	7	62.41	62.41%
MRIGANKA KARAN	203562-21-0001	61.27	8	69.27	69.27%
CO Attainment		55.91	6.55	62.46	62.46%

Student-wise Attainment Level for Course Outcome: Final Semester

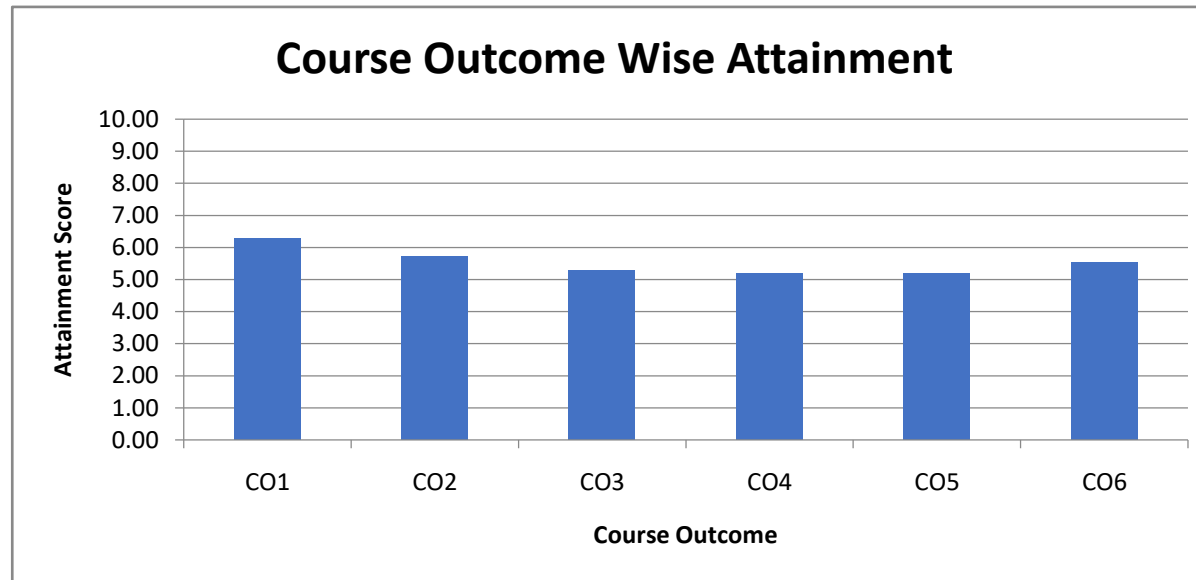| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
INJAMAMUL HAQUE MOLLA	202562-21-0025	6	5	5	4	4	5
SIDHARTHA SARDAR	202562-21-0029	7	6	5	5	5	6
IMRUL KAYES	202562-21-0032	6	6	5	5	5	5
SHARMISTHA MONDAL	193562-11-0001	5	5	5	5	5	5
SABNAM SANFUI	193562-11-0002	6	6	5	5	5	5
DIPANWITA GHOSH	193562-11-0009	6	5	5	5	5	6
EKRA ZAHID	203562-11-0002	7	7	6	6	6	6
PUJA SARDAR	203562-11-0003	6	5	5	5	5	5
PAYEL MONDAL	203562-11-0005	7	6	6	6	6	6
SAYAD TASNIM MIR	193562-21-0005	6	6	5	5	5	6
MRIGANKA KARAN	203562-21-0001	7	6	6	6	6	6
CO Attainment		6.27	5.73	5.27	5.18	5.18	5.55

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO4 and CO6.
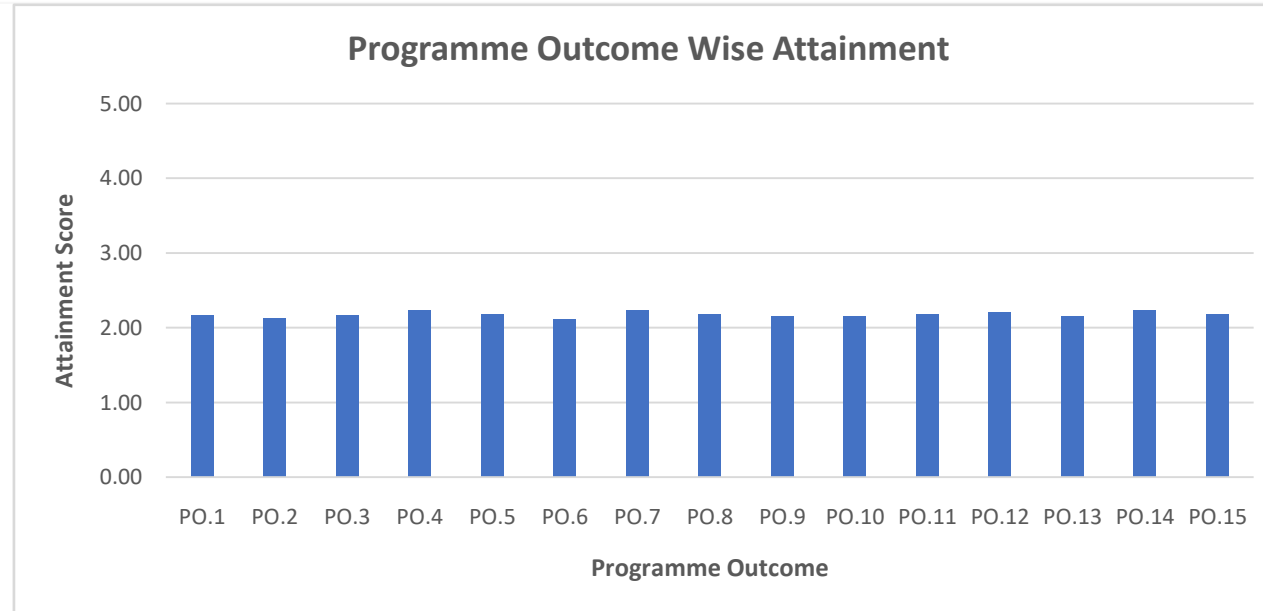
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☏: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	2	2	2	2	2		
Programme Outcomes	PO1	3	4	3	2	4	2	18	2.17
	PO2	2	3	3	4	3	2	17	2.12
	PO3	3	4	2	3	2	4	18	2.17
	PO4	4	2	3	2	3	3	17	2.24
	PO5	3	4	2	3	2	3	17	2.18
	PO6	2	3	4	2	3	4	18	2.11
	PO7	4	2	1	3	4	3	17	2.24
	PO8	3	4	3	2	1	4	17	2.18
	PO9	3	2	3	4	3	4	19	2.16
	PO10	3	3	4	3	4	2	19	2.16
	PO11	3	2	3	3	4	2	17	2.18
	PO12	4	3	3	2	4	3	19	2.21
	PO13	3	4	2	4	3	4	20	2.15
	PO14	4	2	3	3	2	3	17	2.24
	PO15	3	3	4	2	3	2	17	2.18

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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☏: 6289482452 (Office)
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Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Dr. Deepa Bhattacharyya
Assistant Professor and Head
Dept. of Geography,
Maheshtala College

Dr. Deepa Bhattacharyya
Assistant Professor and Head, Maheshtala College, Kolkata

CO Attainment

Session- 2021-22

Subject: Geography

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
MADHUMITA ROY CHOWDHURY	192562-11-0052	60.77	7	67.77	67.77
INDRAJIT MAKHAL	193562-21-0015	47.35	5	52.35	52.35
SABNAM SANFUI	193562-11-0002	54.97	5	59.97	59.97
PAYEL PAL	193562-11-0003	63.88	7	70.88	70.88
FARHAT PARVEEN	193562-11-0004	50.79	5	55.79	55.79
RIMA BISWAS	193562-11-0005	71.21	8	79.21	79.21
BARSA GHOSAL	193562-11-0007	63.75	8	71.75	71.75
TANAY SAHA	203562-21-0008	47.37	5	52.37	52.37
CO Attainment		57.51	6.25	63.76	63.37

Student-wise Attainment Level for Course Outcome: Final Semester

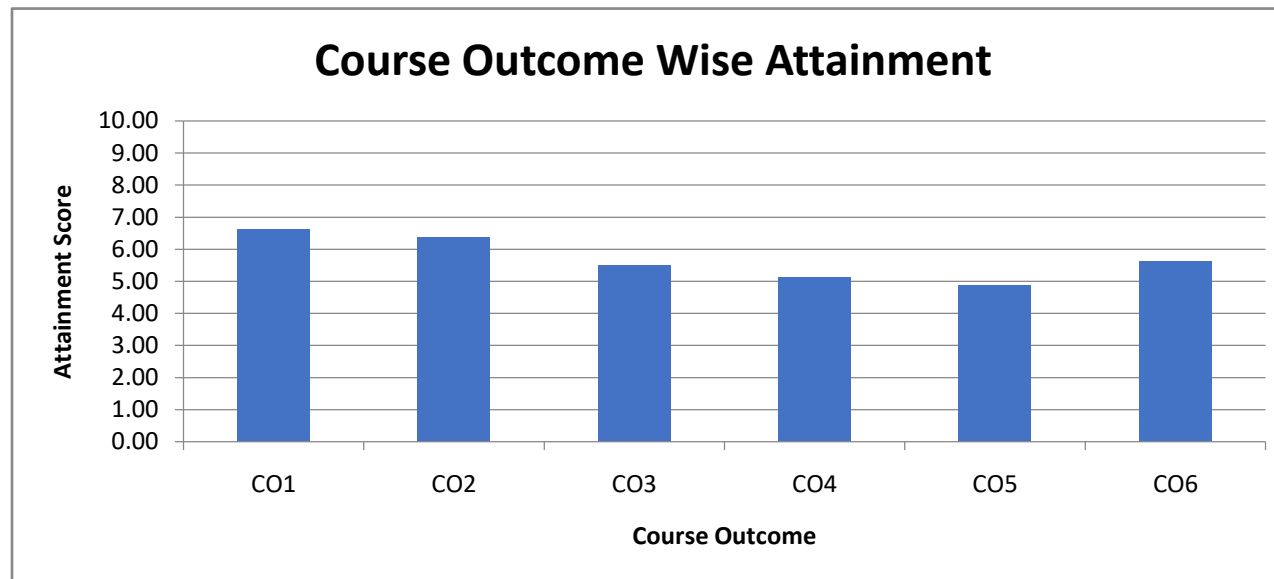| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
MADHUMITA ROY CHOWDHURY	192562-11-0052	7	7	6	5	5	6
INDRAJIT MAKHAL	193562-21-0015	6	5	4	4	4	5
SABNAM SANFUI	193562-11-0002	6	6	5	5	5	5

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☎: 6289482452 (Office)
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PAYEL PAL	193562-11-0003	7	7	6	6	6	6
FARHAT PARVEEN	193562-11-0004	6	6	5	4	4	5
RIMA BISWAS	193562-11-0005	8	8	7	7	6	7
BARSA GHOSAL	193562-11-0007	8	7	6	6	5	6
TANAY SAHA	203562-21-0008	5	5	5	4	4	5
CO Attainment		6.63	6.38	5.50	5.13	4.88	5.63

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO4 and CO6.
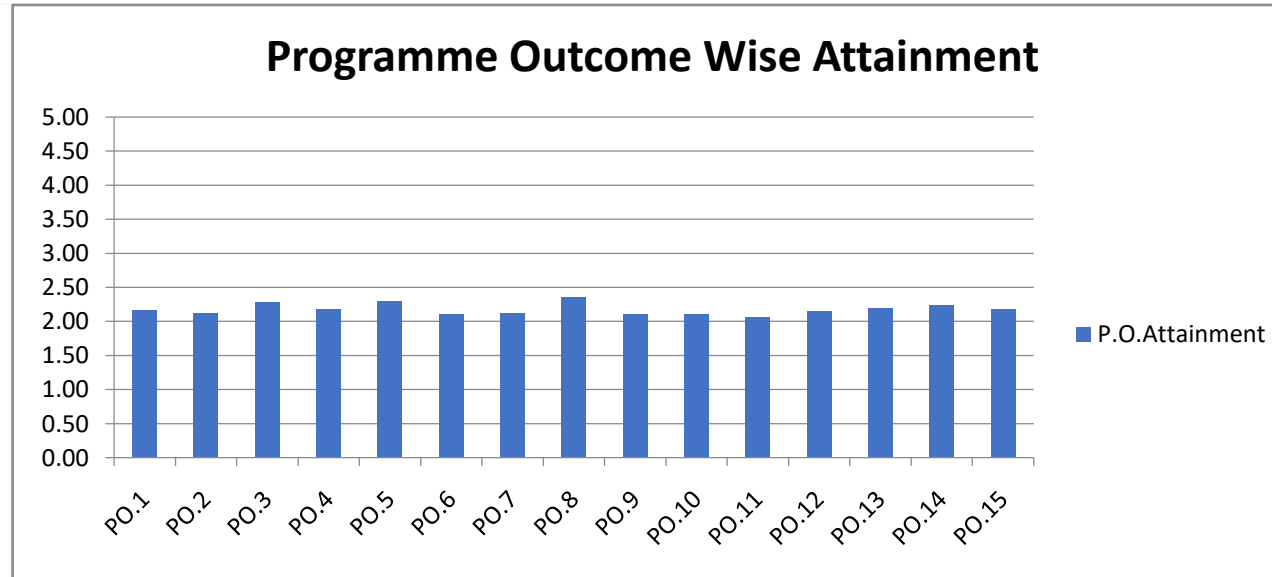
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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
①: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	3	3	2	2	1	2		
Programme Outcomes	PO1	3	4	3	2	4	2	18	2.17
	PO2	2	3	3	4	3	2	17	2.12
	PO3	3	4	2	3	2	4	18	2.28
	PO4	4	2	3	2	3	3	17	2.18
	PO5	3	4	2	3	2	3	17	2.29
	PO6	2	3	4	2	3	4	18	2.11
	PO7	4	2	1	3	4	3	17	2.12
	PO8	3	4	3	2	1	4	17	2.35
	PO9	3	2	3	4	3	4	19	2.11
	PO10	3	3	4	3	4	2	19	2.11
	PO11	3	2	3	3	4	2	17	2.06
	PO12	4	3	3	2	4	3	19	2.16
	PO13	3	4	2	4	3	4	20	2.20
	PO14	4	2	3	3	2	3	17	2.24
	PO15	3	3	4	2	3	2	17	2.18

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Dr. Deepa Bhattacharyya
Assistant Professor and Head
Dept. of Geography,
Maheshtala College

Dr. Deepa Bhattacharyya
Assistant Professor and Head, Maheshtala College, Kolkata

CO Attainment

Session- 2020-21

Subject: Geography

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
GULNAZ PARVEEN	182562-11-0050	84.09	8	92.09	92.09
SAYAN CHAKRABORTY	182562-21-0016	94.53	9	103.53	103.53
NISHA PARVEEN	183562-11-0007	82.80	8	90.8	90.8
LIZA KHATUN	183562-11-0005	85.69	8	93.69	93.69
PRIYANKA MONDAL	183562-11-0003	86.36	8	94.36	94.36
MOLOY HAZRA	183562-21-0001	87.65	8	95.65	95.65
SAYAK CHAKRABORTY	183562-21-0002	80.06	8	88.06	88.06
CO Attainment		85.88	8.14	94.03	94.03

Student-wise Attainment Level for Course Outcome: Final Semester

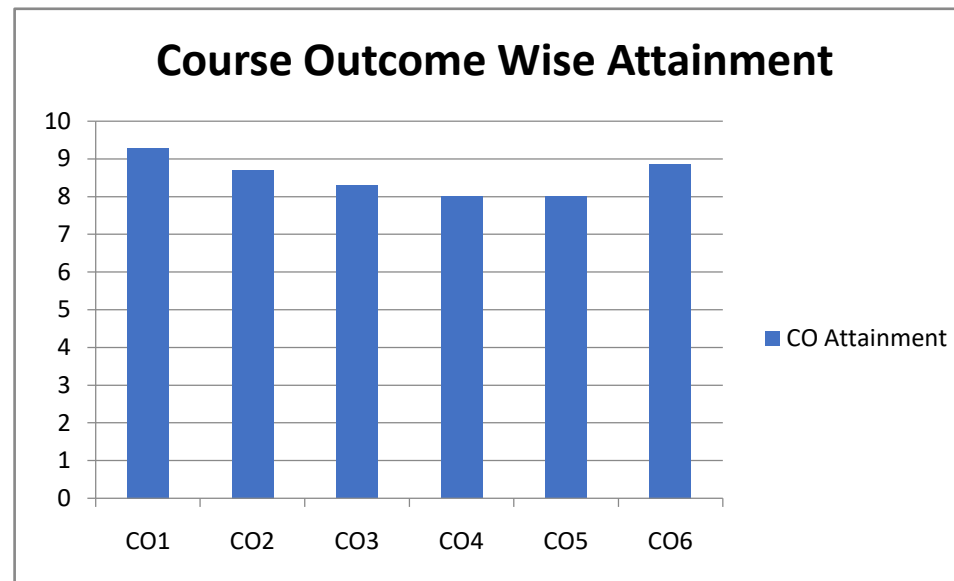| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
GULNAZ PARVEEN	182562-11-0050	9	8	8	8	8	9
SAYAN CHAKRABORTY	182562-21-0016	10	9	9	9	9	10

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NISHA PARVEEN	183562-11-0007	9	8	8	8	8	8
LIZA KHATUN	183562-11-0005	9	9	8	8	8	9
PRIYANKA MONDAL	183562-11-0003	10	9	8	8	8	9
MOLOY HAZRA	183562-21-0001	9	9	9	8	8	9
SAYAK CHAKRABORTY	183562-21-0002	9	9	8	7	7	8
CO Attainment		9.29	8.71	8.29	8.00	8.00	8.86

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6 it is relatively low for CO3, CO4 and CO5.
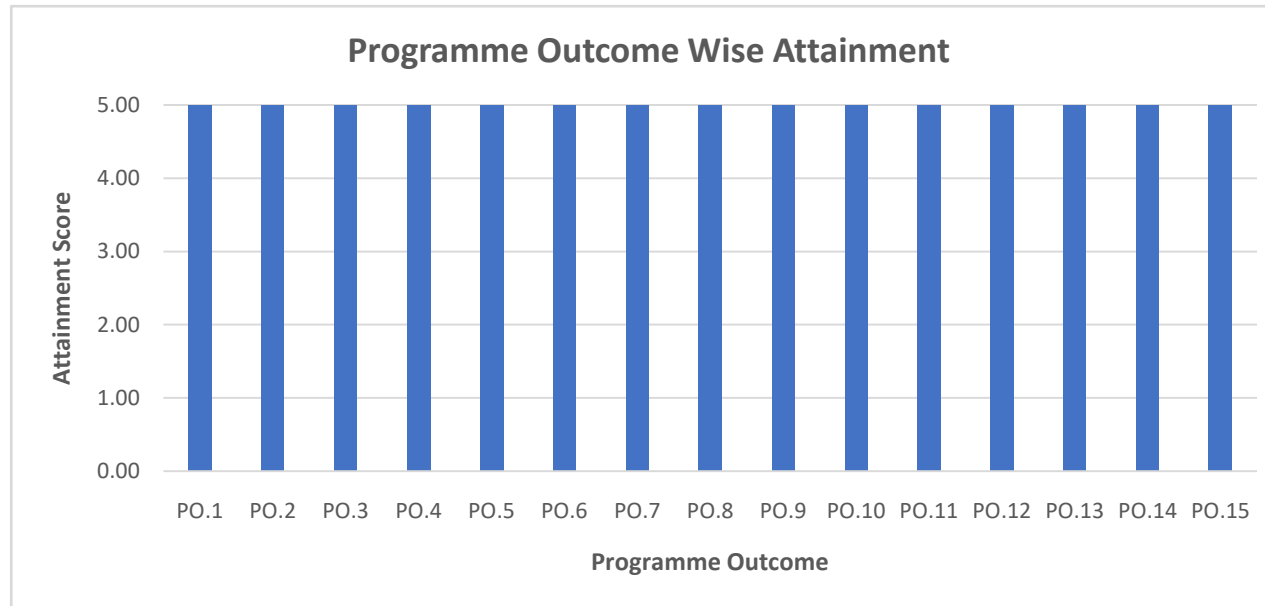
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	5	5	5	5	5		
Programme Outcomes	PO1	3	4	3	2	4	2	18	5.00
	PO2	2	3	3	4	3	2	17	5.00
	PO3	3	4	2	3	2	4	18	5.00
	PO4	4	2	3	2	3	3	17	5.00
	PO5	3	4	2	3	2	3	17	5.00
	PO6	2	3	4	2	3	4	18	5.00
	PO7	4	2	1	3	4	3	17	5.00
	PO8	3	4	3	2	1	4	17	5.00
	PO9	3	2	3	4	3	4	19	5.00
	PO10	3	3	4	3	4	2	19	5.00
	PO11	3	2	3	3	4	2	17	5.00
	PO12	4	3	3	2	4	3	19	5.00
	PO13	3	4	2	4	3	4	20	5.00
	PO14	4	2	3	3	2	3	17	5.00
	PO15	3	3	4	2	3	2	17	5.00

Average CO attainments are calculated on the basis of 5 point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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KNOWLEDGE IS POWER

Programme Outcome Wise Attainment

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MAHESHTALA COLLEGE

BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139

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☎: 6289482452 (Office)

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KNOWLEDGE IS POWER

ProgrammeName :B.Sc. Honours

Course : Honours in Mathematics

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Gain idea of doing successive derivatives and limits and its application in different field.
CO.2	Over all idea about complex function.
CO.3	Find limits of sequence and subsequence
CO.4	Student will get idea about series expansion of some important functions
CO.5	Knowledge of solving ordinary differential equation.
CO.6	Know the method of convergence of improper integrals and series of functions.
CO.7	Students will gain idea about mechanics & different laws of gravitation
CO.8	Students will able to solve problems on probability.
CO.9	Students will get idea about group theory and linear algebra In advance level
CO.10	Know the method of solving numerical problems using computer programming

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.

PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Find limits of sequence and subsequence	Knowledge
Know the method of solving numerical problems using computer programming	

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Student will get idea about series expansion of some important functions	Understanding
Over all idea about complex function.	
Knowledge of solving ordinary differential equation.	Application
Know the method of convergence of improper integrals and series of functions.	Analysis
Students will get idea about group theory and linear algebra In advance level	
Students will gain idea about mechanics & different laws of gravitation	Synthesis
Students will able to solve problems on probability.	Evaluation
Gain idea of doing successive derivatives and limits and its application in different field.	

CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	3	4	3	2	4	3
PO.2	4	3	3	2	3	2
PO.3	3	4	2	3	2	4
PO.4	2	2	2	2	3	3
PO.5	3	2	4	3	2	2
PO.6	2	3	4	2	3	2
PO.7	4	2	3	3	4	3
PO.8	3	4	4	2	3	4
PO.9	4	1	3	4	3	4
PO.10	2	3	4	3	3	2
PO.11	3	4	2	3	4	2
PO.12	4	3	3	2	2	3

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PO.13	3	4	2	4	3	4
PO.14	3	2	3	3	4	3
PO.15	3	3	4	2	3	4

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Be able to explain the core ideas and the techniques of mathematics at the college level
PSO.2	Be able to recognize the power of abstraction and generalization, and to carry out investigative mathematical work with independent judgment.
PSO.3	Be able to setup mathematical models of real world problems and obtain solutions in structured and analytical approaches with independent judgment.
PSO.4	Be able to carry out objective analysis and prediction of quantitative information with independent judgment.
PSO.5	Be able to communicate effectively about mathematics to both lay and expert audiences utilizing appropriate information and communication technology.
PSO.6	Be able to work independently, and to collaborate effectively in team work and team building.

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PO-CO-PSO Mapping: Tick mark against each cell (wherever applicable)

|	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✓	✓		✓		✓	✓		✓	✓	✓		✓		✓	✓		✓	✓	✓	✓
CO2	✓		✓	✓		✓		✓	✓			✓	✓	✓	✓		✓	✓	✓		
CO3		✓	✓		✓		✓	✓		✓	✓	✓		✓		✓		✓	✓	✓	✓
CO4	✓	✓		✓		✓	✓		✓		✓		✓		✓		✓			✓	✓
CO5			✓	✓	✓		✓	✓				✓	✓	✓	✓		✓		✓		
CO6	✓	✓		✓		✓	✓		✓	✓	✓		✓		✓	✓		✓		✓	✓

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CO Attainment

Session- 2020-21

Subject: Mathematics

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Rick Parui	183562-21-0008	45	7	52	52
Samik Dhali	183562-21-0010	47.63	7	54.625	54.63
Dip Jana	183562-21-0009	45.13	7	52.125	52.13
Koyel Mondal	183562-11-0012	46.5	7	53.5	53.5
Anusree Mondal	183562-11-0013	44.5	6	50.5	50.5
Sayani Das	183562-11-0010	46	7	53	53
Tanusree Chakraborty	183562-11-0011	44.75	6	50.75	50.75
Safia Khatun	183562-11-0014	44.5	6	50.5	50.5
Salini Khatun	183562-11-0009	44.13	6	50.125	50.13
CO Attainment		45.35	6.56	51.90	51.90

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Rick Parui	183562-21-0008	5	5	4	4	4	5
Samik Dhali	183562-21-0010	6	5	5	4	4	5
Dip Jana	183562-21-0009	5	5	4	4	4	5
Koyel Mondal	183562-11-0012	5	5	5	4	4	5

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Anusree Mondal	183562-11-0013	5	5	4	4	4	5
Sayani Das	183562-11-0010	5	5	5	4	4	5
Tanusree Chakraborty	183562-11-0011	5	5	4	4	4	5
Safia Khatun	183562-11-0014	5	5	4	4	4	5
Salini Khatun	183562-11-0009	5	5	4	4	4	4
CO Attainment		5.11	5.00	4.33	4.00	4.00	4.89
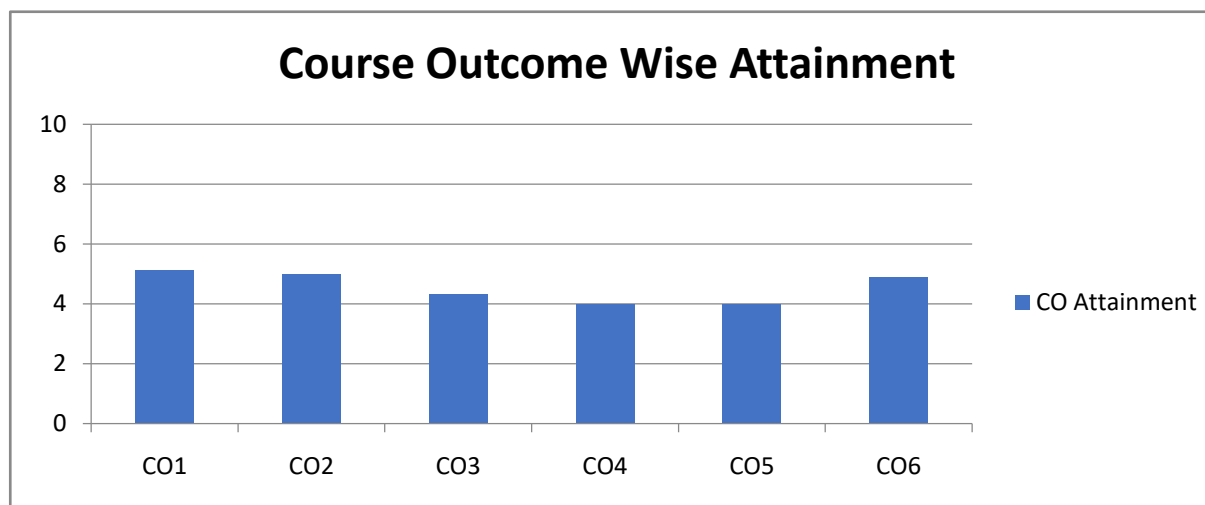
The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, and CO6, it is relatively low for CO2, CO3, CO4 and CO5.
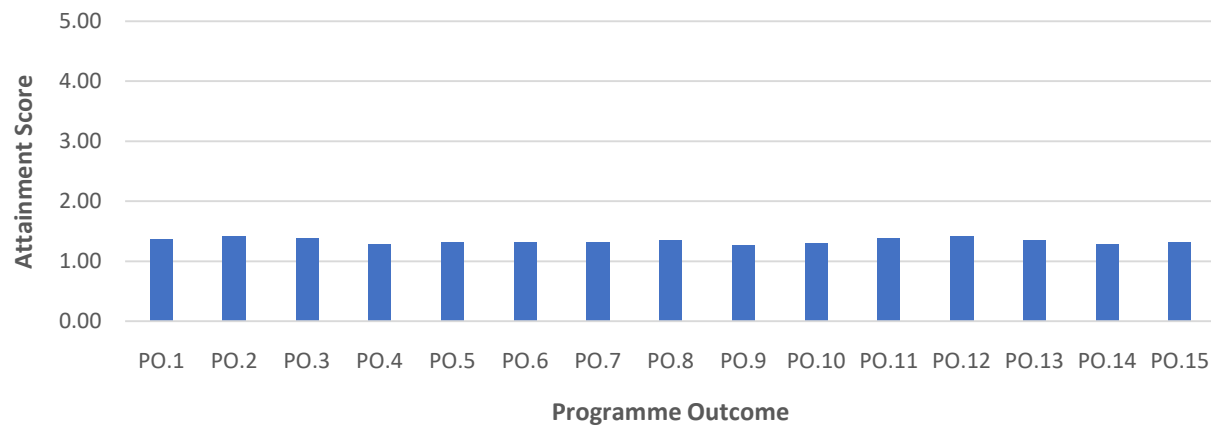
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	2	2	1	1	1	1		
Programme Outcomes	PO1	3	4	3	2	4	3	19	1.37
	PO2	4	3	3	2	3	2	17	1.41
	PO3	3	4	2	3	2	4	18	1.39
	PO4	2	2	2	2	3	3	14	1.29
	PO5	3	2	4	3	2	2	16	1.31
	PO6	2	3	4	2	3	2	16	1.31
	PO7	4	2	3	3	4	3	19	1.32
	PO8	3	4	4	2	3	4	20	1.35
	PO9	4	1	3	4	3	4	19	1.26
	PO10	2	3	4	3	3	2	17	1.29
	PO11	3	4	2	3	4	2	18	1.39
	PO12	4	3	3	2	2	3	17	1.41
	PO13	3	4	2	4	3	4	20	1.35
	PO14	3	2	3	3	4	3	18	1.28
	PO15	3	3	4	2	3	4	19	1.32

*Average CO attainments are calculated on the basis of 5 point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have moderate attainment level. To sustain and develop the progress students, are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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ProgrammeName :B.Sc. Honours

Course: Honours in Computer Science

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	The learners are familiar with combinational and sequential circuits, which are the building blocks of digital systems.
CO.2	Learners can achieve problem-solving capability using C language.
CO.3	Learners will solve problems using the C language, enriching their knowledge of programming.
CO.4	Learners will achieve basic concepts on electronic devices, such as semiconductor devices, diodes, transistors, SCR, DIAC, TRIAC, FET, JFET, MOSFET, OP-AMP, Timer, etc.
CO.5	Provides an overall idea of the internal structure of Computer Systems. Sound knowledge on Micro-operation, CPU organization, Control Unit, CPU Registers, CISC & RISC Processors, Memory, Peripherals.
CO.6	Computational Mathematics play an important role in Computer Science. This section provides knowledge on Set, Functions, Probability, Recurrences, Numerical methods, Graph Theory. Lab work to be done using C language.
CO.7	Learners will achieve knowledge on basic operating system functions, types of operating systems, how jobs are processed, deadlock managed, memory, file are managed, security is maintained, etc. Lab work will provide knowledge of shell programming in UNIX operating system.
CO.8	Theoretical concepts on Graphics Devices, Geometrical shapes formation algorithms, Transformations, Clipping, Projection, Animations.
CO.9	Concept on networking model, structure, hardware, layers, transmission, bandwidth, switching, and other networking devices. Learn to handle networking cables, connectors, hubs, switches; LAN installation & configuration; Web page designing by HTML.
CO.10	Concepts on Algorithm, analysis, design, representation, classification of problems. In lab, learners will solve different algorithms using C.

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis

| CO.5 | Synthesis |
| CO.6 | Evaluation |

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.

PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
The learners are familiar with combinational and sequential circuits, which are the building blocks of digital systems.	Knowledge
Learners will achieve knowledge on basic operating system functions, types of operating systems, how jobs are processed, deadlock managed, memory, file are managed, security is maintained, etc. Lab work will provide knowledge of shell programming in UNIX operating system.	
Learners can achieve problem-solving capability using C language.	Understanding
Theoretical concepts on Graphics Devices, Geometrical shapes formation algorithms, Transformations, Clipping, Projection, Animations.	
Learners will solve problems using the C language, enriching their knowledge of programming.	Application
Concept on networking model, structure, hardware, layers, transmission, bandwidth, switching, and other networking devices. Learn to handle networking cables, connectors, hubs, switches; LAN installation & configuration; Web page designing by HTML.	
Learners will achieve basic concepts on electronic devices, such as semiconductor devices, diodes, transistors, SCR, DIAC, TRIAC, FET, JFET, MOSFET, OP-AMP, Timer, etc.	Analysis
Concepts on Algorithm, analysis, design, representation, classification of problems. In lab, learners will solve different algorithms using C.	
Provides an overall idea of the internal structure of Computer Systems. Sound knowledge on Micro-operation, CPU organization, Control Unit, CPU Registers, CISC & RISC Processors, Memory, Peripherals.	Synthesis
Computational Mathematics play an important role in Computer Science. This section provides knowledge on Set, Functions, Probability, Recurrences, Numerical methods, Graph Theory. Lab work to be done using C language.	Evaluation

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CO-PO Mapping

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	4	4	4	4	4	4
PO.2	4	5	3	3	3	3
PO.3	3	4	4	5	5	5
PO.4	3	4	4	5	4	4
PO.5	3	3	3	5	5	4
PO.6	3	4	5	2	4	3
PO.7	5	3	4	4	3	3
PO.8	3	3	3	4	3	4
PO.9	4	4	4	4	4	2
PO.10	3	3	3	3	3	3
PO.11	3	3	3	3	3	4
PO.12	4	5	4	4	4	4
PO.13	3	4	2	4	5	2
PO.14	4	4	4	5	5	4
PO.15	5	4	3	1	2	4

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Computer Fundamental and Digital Logic Design
PSO.2	Word processing, Spreadsheet, Presentation, and Web design by HTML

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PSO.3	Algorithm and Data Structure
PSO.4	Programming with C
PSO.5	Computer Organization
PSO.6	Programming with PYTHON

PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

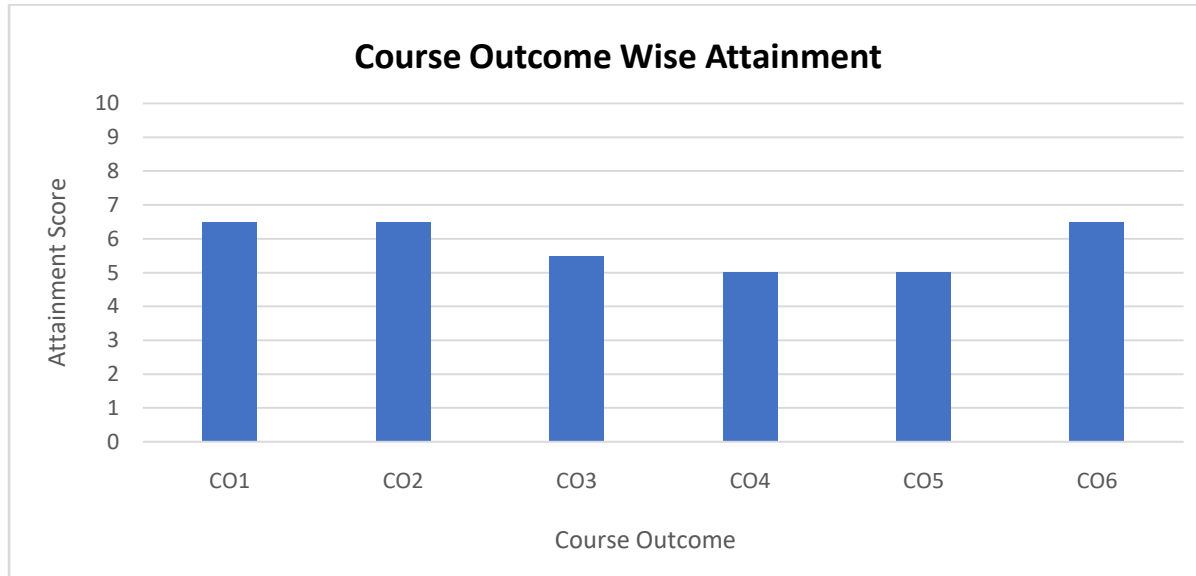|	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✔		✔	✔		✔		✔	✔		✔	✔	✔		✔	✔		✔		✔	✔
CO2	✔	✔	✔		✔	✔		✔		✔	✔			✔	✔		✔	✔		✔	
CO3	✔		✔	✔		✔	✔		✔		✔	✔		✔		✔		✔	✔		✔
CO4	✔		✔		✔		✔	✔	✔	✔		✔	✔		✔		✔			✔	✔
CO5		✔	✔		✔		✔			✔	✔		✔	✔		✔		✔	✔		
CO6	✔		✔	✔		✔		✔	✔		✔	✔		✔	✔		✔		✔	✔	✔

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CO-PO Attainment

Session- 2022-23

Subject: Computer Science

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

2023					
Name	CU Roll No.	Direct	Indirect	Total	%
Payel Mondal	193562-11-0005	64.25	9	73.25	73.25
Sharmistha Mondal	193562-11-0001	51.50	7	58.50	58.50
CO Attainment		57.87	8	65.87	65.87

Student-wise Attainment Level for Course Outcome: Final Semester

2023							
Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Payel Mondal	193562-11-0005	7	7	6	6	6	7
Sharmistha Mondal	193562-11-0001	6	6	5	4	4	6
CO Attainment		6.5	6.5	5.5	5.0	5.0	6.5

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5
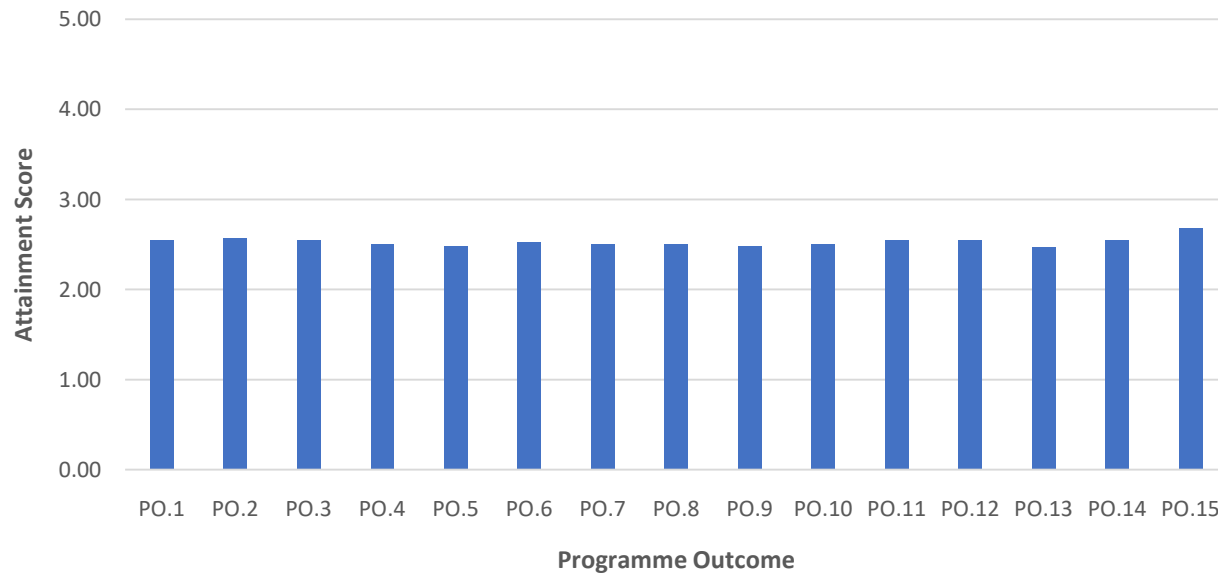
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	3	2	2	2	3		
Programme Outcomes	PO1	4	4	3	3	4	4	22	2.55
	PO2	4	5	3	3	3	3	21	2.57
	PO3	3	4	3	3	4	5	22	2.55
	PO4	3	4	4	3	4	4	22	2.50
	PO5	3	3	3	3	5	4	21	2.48
	PO6	3	4	3	2	4	3	19	2.53
	PO7	5	3	4	4	3	3	22	2.50
	PO8	3	3	3	4	3	4	20	2.50
	PO9	4	4	4	4	3	2	21	2.48
	PO10	3	3	3	3	3	3	18	2.50
	PO11	3	4	3	3	3	4	20	2.55
	PO12	4	4	3	3	4	4	22	2.55
	PO13	3	4	2	4	4	2	19	2.47
	PO14	4	4	4	3	3	4	22	2.55
	PO15	5	4	3	1	2	4	19	2.68

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

CO-PO Attainment

Session- 2021-22

Subject: Computer Science

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Utsav Baitha	193562-21-0001	67.25	8	75.25	75.25
Charan Kr. Mahato	193562-21-0002	67.50	8	75.50	75.50
Md. Abu Shaeed Aki	193562-21-0003	67.00	8	75.00	75.00
CO Attainment		67.25	8	75.25	75.25

Student-wise Attainment Level for Course Outcome: Final Semester

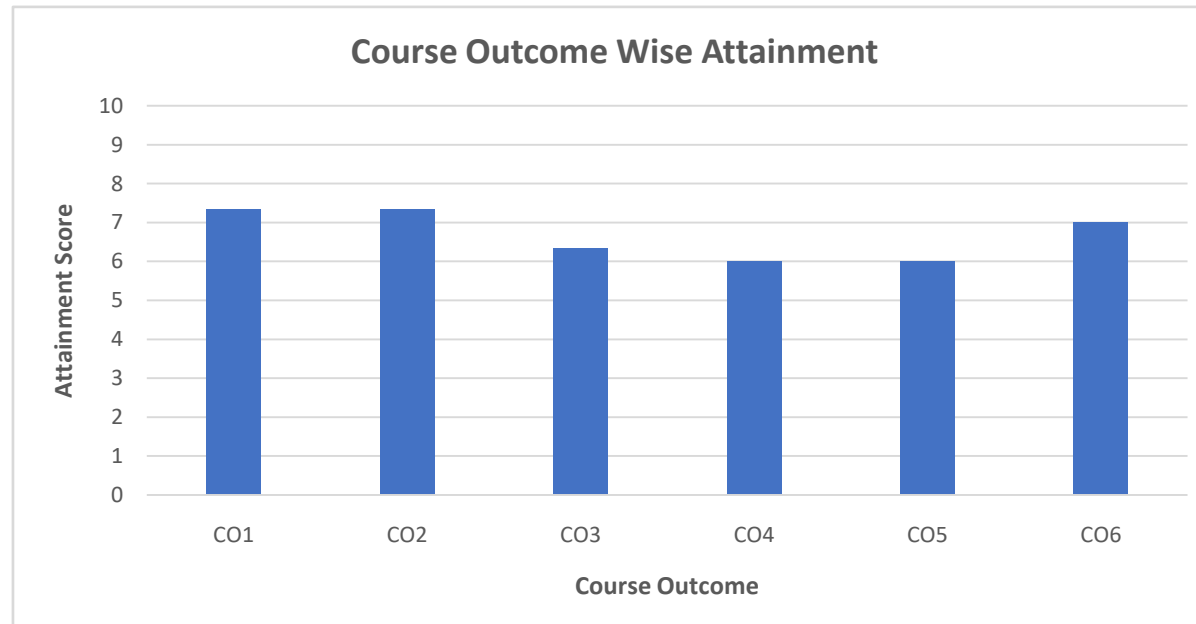| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Utsav Baitha	193562-21-0001	8	7	6	6	6	7
Charan Kr. Mahato	193562-21-0002	7	8	6	6	6	7
Md. Abu Shaeed Aki	193562-21-0003	7	7	7	6	6	7
CO Attainment		7.33	7.33	6.33	6	6	7

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KNOWLEDGE IS POWER

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.
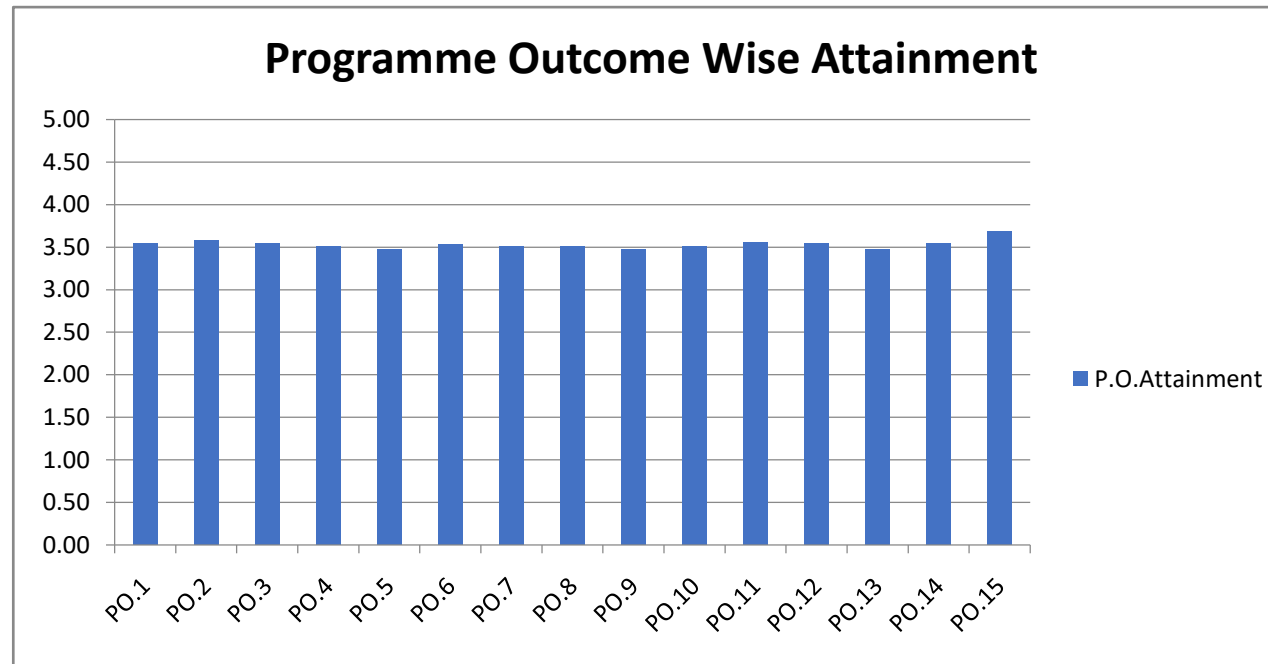
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✆: 6289482452 (Office)
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	4	4	3	3	3	4		
Programme Outcomes	PO1	4	4	3	3	4	4	22	3.55
	PO2	4	5	3	3	3	3	21	3.57
	PO3	3	4	3	3	4	5	22	3.55
	PO4	3	4	4	3	4	4	22	3.50
	PO5	3	3	3	3	5	4	21	3.48
	PO6	3	4	3	2	4	3	19	3.53
	PO7	5	3	4	4	3	3	22	3.50
	PO8	3	3	3	4	3	4	20	3.50
	PO9	4	4	4	4	3	2	21	3.48
	PO10	3	3	3	3	3	3	18	3.50
	PO11	3	4	3	3	3	4	20	3.55
	PO12	4	4	3	3	4	4	22	3.55
	PO13	3	4	2	4	4	2	19	3.47
	PO14	4	4	4	3	3	4	22	3.55
	PO15	5	4	3	1	2	4	19	3.68

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*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.
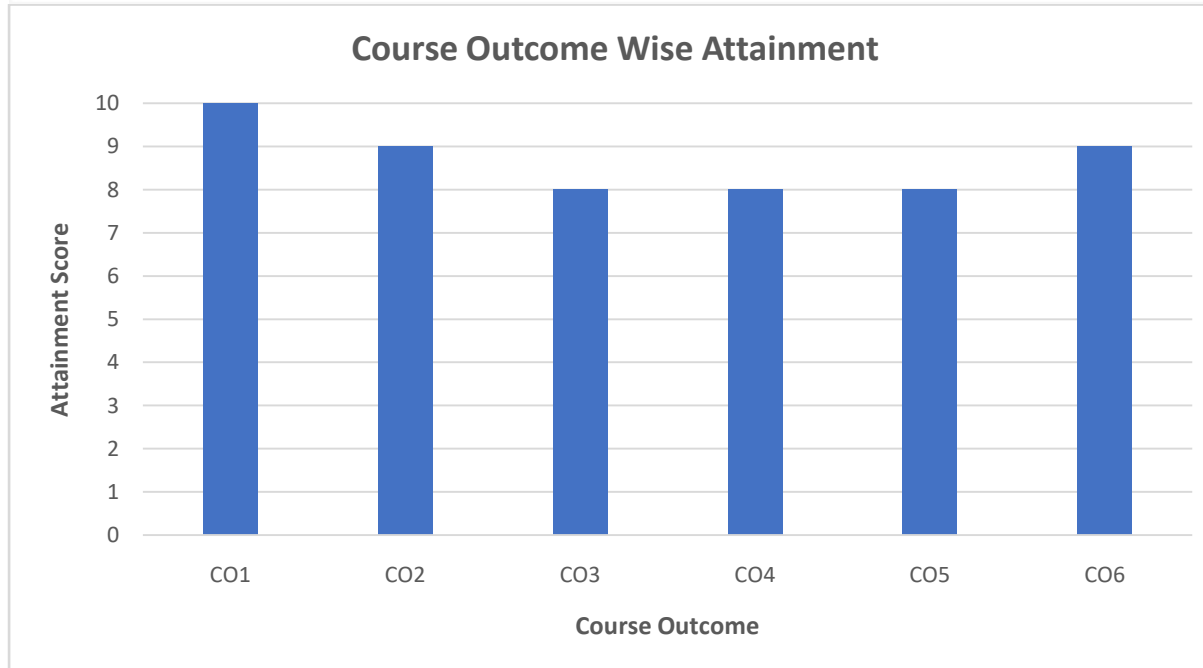
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CO-PO Attainment

Session- 2020-21

Subject:Computer Science

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Sriti Sardar	183562-11-0002	86.25	9	95.25	95.25
CO Attainment		86.25	9	95.25	95.25

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Sriti Sardar	183562-11-0002	10	9	8	8	8	9
CO Attainment		10	9	8	8	8	9

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.
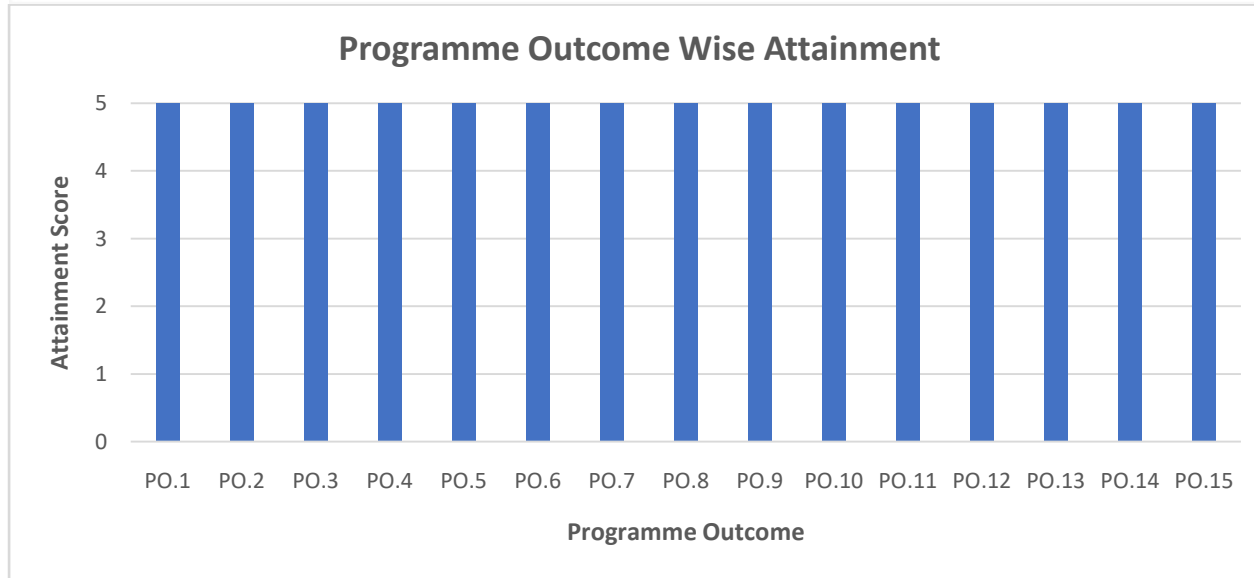
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℡: 6289482452 (Office)
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	5	5	5	5	5	5		
Programme Outcomes	PO1	4	4	3	3	3	4	21	5.00
	PO2	4	3	3	3	3	3	19	5.00
	PO3	4	3	3	3	3	4	20	5.00
	PO4	3	4	3	4	3	4	21	5.00
	PO5	4	3	3	4	3	3	20	5.00
	PO6	3	4	3	3	3	4	20	5.00
	PO7	5	3	3	3	3	3	20	5.00
	PO8	4	3	3	3	3	4	20	5.00
	PO9	4	3	3	3	3	4	20	5.00
	PO10	3	3	3	3	3	3	18	5.00
	PO11	3	3	3	3	3	3	18	5.00
	PO12	4	4	4	3	3	3	21	5.00
	PO13	4	3	3	3	3	4	20	5.00
	PO14	4	4	3	3	3	4	21	5.00
	PO15	4	3	3	3	3	4	20	5.00

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

Programme Name:B.ComHonours

Course :Honours in Accountancy

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	To impart students with the basic concepts, terms, and provisions of Mercantile and Business Laws.
CO.2	To ensure about the knowledge of the various functions of management towards organizational goals.
CO.3	To inherit the knowledge about accounting procedures, methods, and techniques which will prosper the students to go for the builds the professional courses like C.A., C.M.A., C.S., C.F.A., etc.
CO.4	To create effective business communication skills through drafting of business letters, notices, tenders, quotations, advertisements etc.
CO.5	To make acquaintances & update with the amendments of provisions of the Companies Act of 2013.
CO.6	To provide an overall idea & preparation of the methods of advanced issues in accounting.
CO.7	To imbibe the moral spirit of doing business and taking risks.
CO.8	To impart knowledge about the importance of auditing principles, procedures and techniques in compliance with the current legal requirements and professional standards (AAS).
CO.9	To know about the various methods of valuation of Goodwill and Shares.
CO.10	To impart the knowledge about the Time Value of Money, Cost of Capital, EBIT-EPS analysis, Working Capital Management,

List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.

PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
To impart students with the basic concepts, terms, and provisions of Mercantile and Business Laws.	Knowledge
To ensure about the knowledge of the various functions of management towards organizational goals.	Understanding
To imbibe the moral spirit of doing business and taking risks.	
To inherit the knowledge about accounting procedures, methods, and techniques which will prosper the students to go for the builds the professional courses like C.A., C.M.A., C.S., C.F.A., etc.	Application

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To impart knowledge about the importance of auditing principles, procedures and techniques in compliance with the current legal requirements and professional standards (AAS).	
To create effective business communication skills through drafting of business letters, notices, tenders, quotations, advertisements etc.	Analysis
To know about the various methods of valuation of Goodwill and Shares.	
To make acquaintances & update with the amendments of provisions of the Companies Act of 2013.	Synthesis
To impart the knowledge about the Time Value of Money, Cost of Capital, EBIT-EPS analysis, Working Capital Management.	
To provide an overall idea & preparation of the methods of advanced issues in accounting.	Evaluation

CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	4	2	4	4	4	4
PO.2	4	5	3	3	3	3
PO.3	4	4	4	5	5	5
PO.4	3	4	5	5	4	4
PO.5	3	3	3	5	5	4
PO.6	3	4	3	4	4	5
PO.7	5	3	4	4	3	3
PO.8	3	3	3	4	3	4

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PO.9	4	4	4	2	4	2
PO.10	3	3	3	3	3	3
PO.11	3	3	3	3	3	4
PO.12	4	2	4	4	4	4
PO.13	3	4	4	4	5	4
PO.14	4	4	4	5	5	4
PO.15	4	4	4	4	4	3

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	The students will be experienced enough for employment in functional areas such as banking, taxation, insurance, accounting, and corporate law.
PSO.2	This course will create a zeal to work efficiently and effectively in various business sectors.
PSO.3	Provide the outlines of the fundamentals of commerce viz., finance, accounting, management & business studies.
PSO.4	Learners or starters will gain experiences & knowledge on multifarious avenues of commerce, accounting, auditing, finance, management & law.
PSO.5	Help the students to learn & recognize dynamic managerial skills & accounting up gradations required for better professional exposures.
PSO.6	Evaluate the potentials of the students in different areas of communication & interactive skills.

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PO-CO-PSO Mapping: Please put tick mark against each cell (wherever applicable)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		✓		✓		✓	✓		✓	✓	✓		✓		✓	✓		✓	✓	✓	✓
CO2	✓		✓	✓		✓		✓	✓			✓	✓		✓		✓	✓	✓		
CO3		✓	✓		✓		✓			✓	✓	✓		✓		✓		✓	✓		✓
CO4	✓	✓		✓		✓			✓		✓		✓		✓		✓			✓	✓
CO5			✓	✓	✓			✓	✓			✓		✓	✓		✓		✓		
CO6	✓	✓		✓		✓	✓		✓		✓		✓		✓	✓		✓		✓	

CO-PO Attainment

Session- 2022-23

Subject: Commerce

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Chumki Das	201562-11-0001	60.75	7	67.75	67.75
Priti Prasad	201562-11-0002	60	7	67	67
Sneha Shaw	201562-11-0003	62.5	7	69.5	69.5
Somnath Patra	181562-21-0012	60	7	67	67
Suvankar Manna	181562-21-0016	55.25	6	61.25	61.25
Arpan Naskar	191562-21-0003	55	6	61	61
Bidyut De	191562-21-0004	55.25	6	61.25	61.25
Sani Das	191562-21-0009	54.25	6	60.25	60.25
Fahad Al Mostaque	201562-21-0002	65.5	7	72.5	72.5
SK Sahil	201562-21-0005	66.25	7	73.25	73.25
Rahul Mondal	201562-21-0007	60.25	7	67.25	67.25
Rahul Das	201562-21-0011	52.5	5	57.5	57.5
Avik Jana	201562-21-0012	51.25	5	56.25	56.25
Retam Adhikary	201562-21-0013	54.25	5	59.25	59.25
Kushal Mondal	201562-21-0014	61	7	68	68

Name	CU Roll No.				
Mequedaat Hussain Molla	201562-21-0015	53.25	5	58.25	58.25
CO Attainment		58.45	6.30	64.75	58.45

Student-wise Attainment Level for Course Outcome: Final Semester

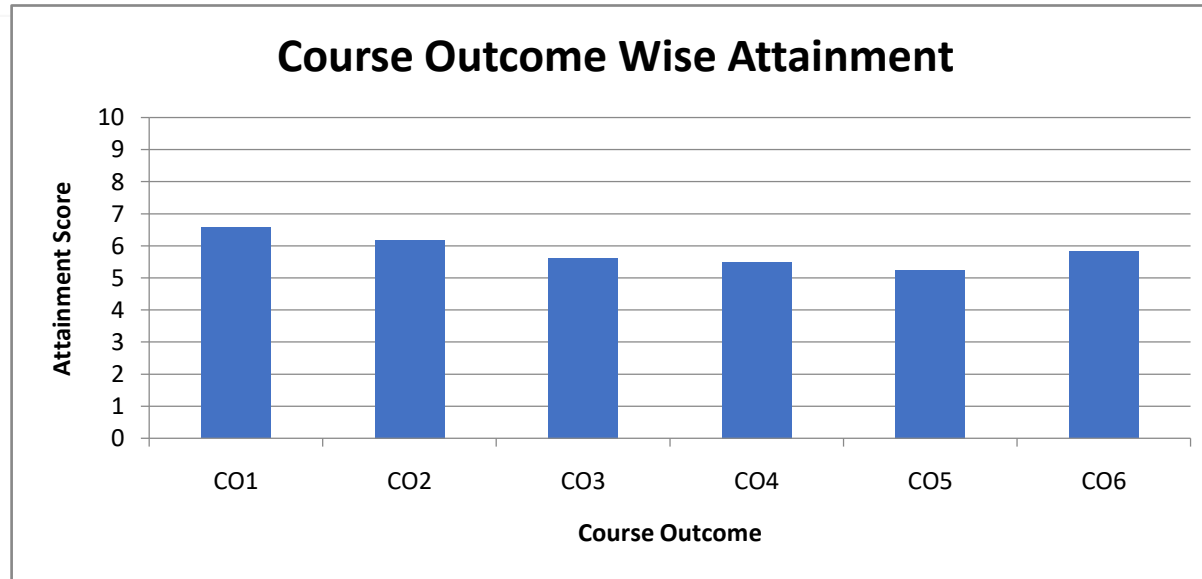| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Chumki Das	201562-11-0001	7	7	6	6	5	6
Priti Prasad	201562-11-0002	7	6	6	6	6	6
Sneha Shaw	201562-11-0003	7	7	6	6	6	6
Somnath Patra	181562-21-0012	7	6	6	6	5	6
Suvankar Manna	181562-21-0016	6	6	5	5	5	6
Arpan Naskar	191562-21-0003	6	6	6	5	5	5
Bidyut De	191562-21-0004	6	6	5	5	5	6
Sani Das	191562-21-0009	6	6	5	5	5	5
Fahad Al Mostaque	201562-21-0002	8	7	6	6	6	7
SK Sahil	201562-21-0005	7	7	7	6	6	7
Rahul Mondal	201562-21-0007	7	6	6	6	5	6
Rahul Das	201562-21-0011	6	6	5	5	5	5
Avik Jana	201562-21-0012	6	5	5	5	5	5
Retam Adhikary	201562-21-0013	6	5	5	5	5	6
Kushal Mondal	201562-21-0014	7	7	6	6	5	6
Mequedaat Hussain Molla	201562-21-0015	6	6	5	5	5	5
CO Attainment		6.56	6.19	5.63	5.50	5.25	5.81

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Course Outcome Wise Attainment

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO4 and CO6.
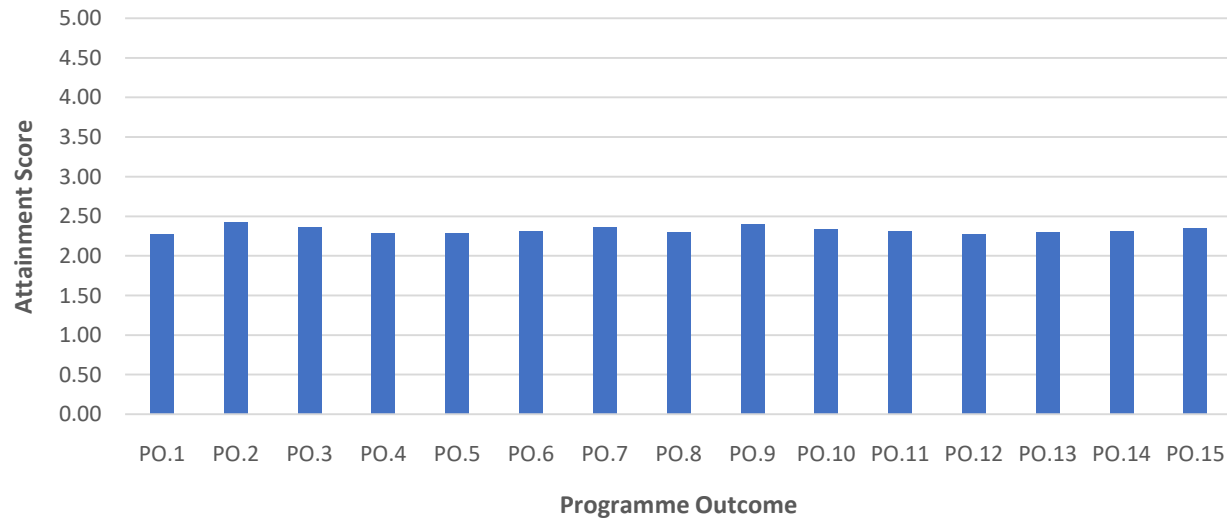
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	3	2	2	2	2		
Programme Outcomes	PO1	4	2	4	4	4	4	22	2.27
	PO2	4	5	3	3	3	3	21	2.43
	PO3	4	4	3	4	3	4	22	2.36
	PO4	3	4	5	5	4	4	25	2.28
	PO5	3	3	3	5	3	4	21	2.29
	PO6	3	4	3	4	4	5	23	2.30
	PO7	5	3	4	4	3	3	22	2.36
	PO8	3	3	3	4	3	4	20	2.30
	PO9	4	4	4	2	4	2	20	2.40
	PO10	3	3	3	3	3	3	18	2.33
	PO11	3	3	3	3	3	4	19	2.32
	PO12	4	2	4	4	4	4	22	2.27
	PO13	3	4	4	4	5	4	24	2.29
	PO14	3	2	3	3	2	3	16	2.31
	PO15	3	3	4	2	3	2	17	2.35

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5

Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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Maheshtala College

CO-PO Attainment

Session- 2021-22

Subject: Commerce

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
Arpan Naskar	191562-21-0003	57.25	7	64.25	64.25
Bidyut De	191562-21-0004	53.75	7	60.75	60.75
Prasenjit Naskar	191562-21-0006	66.50	8	74.5	74.5
Salman Ahamed Molla	191562-21-0008	57.00	7	64	64
Sani Das	191562-21-0009	56.50	7	63.5	63.5
Suman Mondal	191562-21-0010	63.25	8	71.25	71.25
Amishra Das	191562-11-0001	67.75	8	75.75	75.75
Anusri Nag	191562-11-0002	59.50	7	66.5	66.5
CO Attainment		60.18	7.37	67.56	67.56

Student-wise Attainment Level for Course Outcome: Final Semester

Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Arpan Naskar	191562-21-0003	7	6	5	5	5	6
Bidyut De	191562-21-0004	6	6	5	4	5	6
Prasenjit Naskar	191562-21-0006	7	8	6	6	6	7
Salman Ahamed	191562-21-0008	7	6	6	5	5	5

Molla							
Sani Das	191562-21-0009	6	7	5	5	5	6
Suman Mondal	191562-21-0010	7	7	6	5	6	7
Amishra Das	191562-11-0001	8	7	7	6	6	6
Anusri Nag	191562-11-0002	7	7	5	5	5	6
CO Attainment		6.87	6.75	5.62	5.12	5.37	6.12

The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, and CO6, it is relatively low for CO3, CO4 and CO5.

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BUDGE BUDGE TRUNK ROAD, MAHESHTALA, KOLKATA – 700139
E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
①: 6289482452 (Office)
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Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments*	3	3	2	2	2	3		
Programme Outcomes	PO1	4	2	4	4	4	4	22	2.45
	PO2	4	5	3	3	3	3	21	2.57
	PO3	4	4	3	4	3	4	22	2.55
	PO4	3	4	5	5	4	4	25	2.44
	PO5	3	3	3	5	3	4	21	2.48
	PO6	3	4	3	4	4	5	23	2.52
	PO7	5	3	4	4	3	3	22	2.50
	PO8	3	3	3	4	3	4	20	2.50
	PO9	4	4	4	2	4	2	20	2.50
	PO10	3	3	3	3	3	3	18	2.50
	PO11	3	3	3	3	3	4	19	2.53
	PO12	4	2	4	4	4	4	22	2.45
	PO13	3	4	4	4	5	4	24	2.46
	PO14	3	2	3	3	2	3	16	2.50
	PO15	3	3	4	2	3	2	17	2.47

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
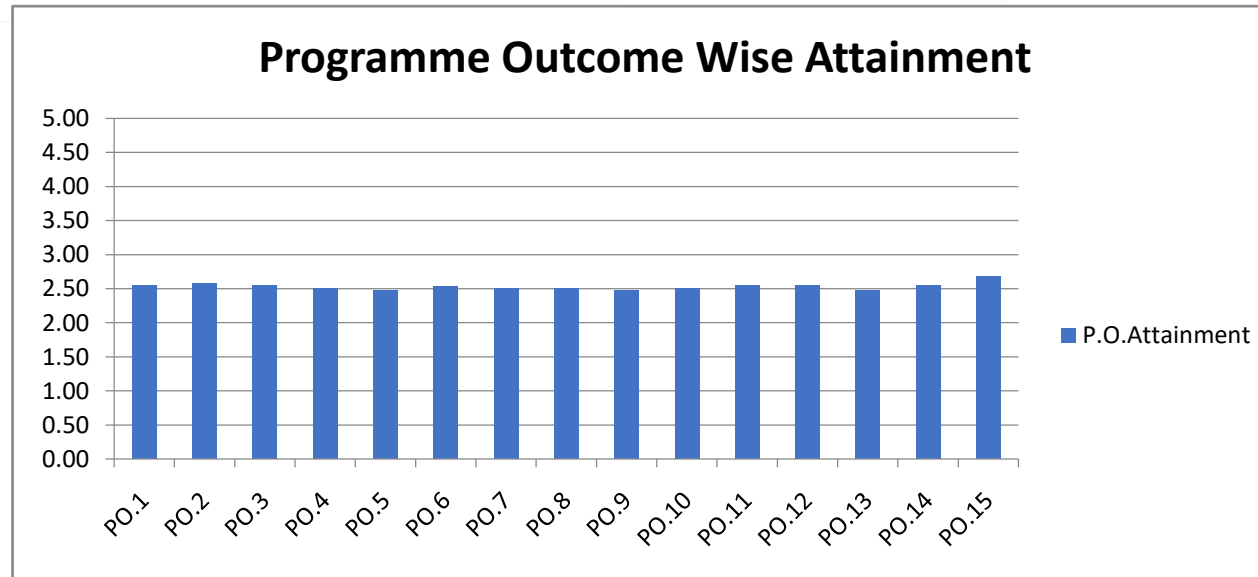
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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

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CO Attainment

Session- 2020-21

Subject: Commerce

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Course Outcome

Name	CU Roll No.	Direct	Indirect	Total	%
Avratanu Ghosh	181562-21-0002	77.91	8	85.91	85.91
Diptonil Chatterjee	181562-21-0003	87.45	9	96.45	96.45
Nurul Rahaman	181562-21-0006	85.91	9	94.91	94.91
Sagar Chakraborty	181562-21-0008	85.27	9	94.27	94.27
Sayantan Das	181562-21-0009	81.27	9	90.27	90.27
Shabbir Ansari	181562-21-0010	75.82	8	83.82	83.82
SkSahajada	181562-21-0011	79.36	8	87.36	87.36
Subrata Karmakar	181562-21-0013	79.27	8	87.27	87.27
Suman Sarkar	181562-21-0014	73.91	8	81.91	81.91
Susanta Dolui	181562-21-0015	87.18	9	96.18	96.18
Priyanka Karmakar	181562-11-0003	75.01	8	83.01	83.01
CO Attainment		80.76	8.45	89.21	89.21

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☎: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Student-wise Attainment Level for Course Outcome: Final Semester

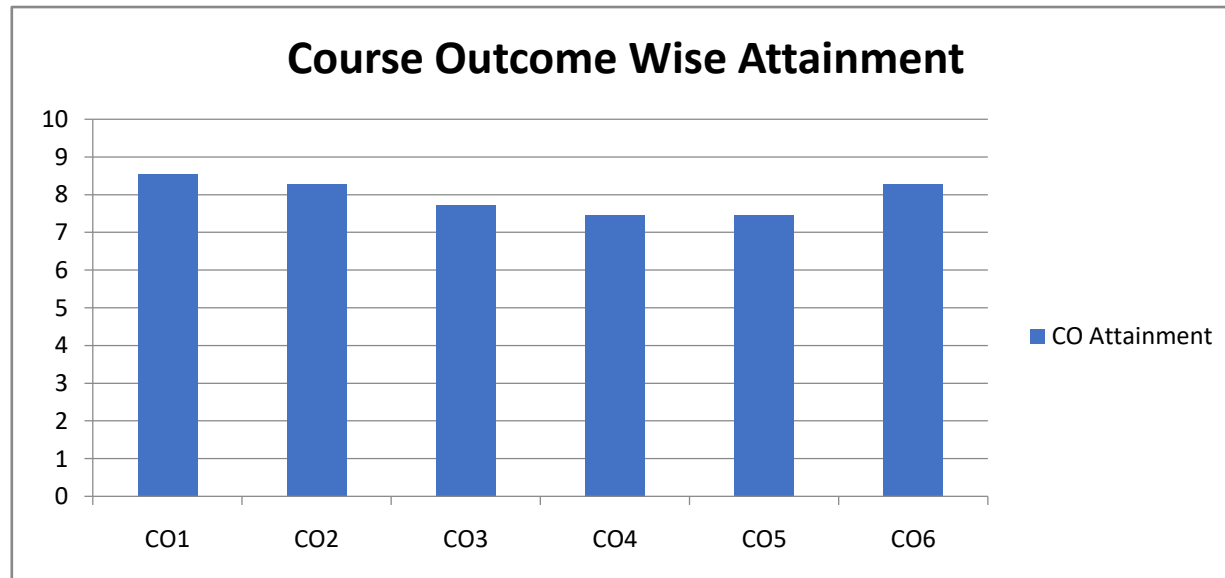| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
Avratanu Ghosh	181562-21-0002	8	8	8	7	7	8
Diptonil Chatterjee	181562-21-0003	9	9	9	8	8	9
Nurul Rahaman	181562-21-0006	9	9	8	8	8	9
Sagar Chakraborty	181562-21-0008	9	9	8	8	8	9
Sayantan Das	181562-21-0009	9	8	8	8	8	8
Shabbir Ansari	181562-21-0010	8	8	7	7	7	8
SkSahajada	181562-21-0011	9	8	7	7	7	7
Subrata Karmakar	181562-21-0013	8	8	7	7	7	8
Suman Sarkar	181562-21-0014	8	7	7	7	7	8
Susanta Dolui	181562-21-0015	9	9	9	8	8	9
Priyanka Karmakar	181562-11-0003	8	8	7	7	7	8
CO Attainment		8.55	8.27	7.73	7.45	7.45	8.27

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☎: 6289482452 (Office)
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The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3 ,CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, it is relatively low for CO4 and CO6.

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E-mail: maheshtalacollege@yahoo.com/ principal.maheshtalacollege@gmail.com
✆: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	5	4	4	4	5		
Programme Outcomes	PO1	4	2	4	4	4	4	22	4.45
	PO2	4	5	3	3	3	3	21	4.57
	PO3	4	4	3	4	3	4	22	4.55
	PO4	3	4	5	5	4	4	25	4.44
	PO5	3	3	3	5	3	4	21	4.48
	PO6	3	4	3	4	4	5	23	4.52
	PO7	5	3	4	4	3	3	22	4.50
	PO8	3	3	3	4	3	4	20	4.50
	PO9	4	4	4	2	4	2	20	4.50
	PO10	3	3	3	3	3	3	18	4.50
	PO11	3	3	3	3	3	4	19	4.53
	PO12	4	2	4	4	4	4	22	4.45
	PO13	3	4	4	4	5	4	24	4.46
	PO14	3	2	3	3	2	3	22	4.50
	PO15	3	3	4	2	3	2	22	4.47

Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
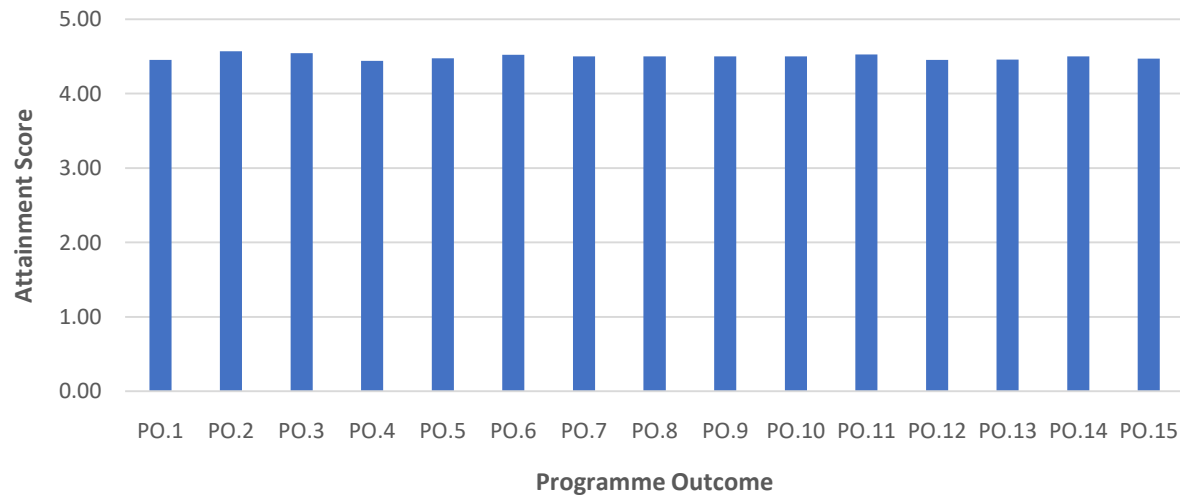
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Programme Outcome Wise Attainment

Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress, students are mentored by the teachers for higher studies as well as opting for professional training for entering into job market.

S. Jana

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✆: 6289482452 (Office)
Website: www.maheshtalacollege.ac.in

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ProgrammeName:B.A. Honours

Course : Honours in Economics

List of Course Outcome according to the syllabus:

Sl. No.	Course Outcome
CO.1	Students will be able to comprehend the fundamental methods and techniques of microeconomics.
CO.2	Students will comprehend the ideas of supply, demandand how markets operate.
CO.3	They will also have a better understanding of real market situations and gain insight regarding the decision-making behaviour of economic agents
CO.4	It will provide several fundamental models of how an economy is structured, such as Keynesian and classical models.
CO.5	This will motivate them to investigate various schools of thought concerning how an economy operates.
CO.6	The course will train students how to use sophisticated econometric techniques to analyse statistical data.
CO.7	They are expected to be instructed to write original papers by introducing them to research paper technicalities and structure
CO.8	This course will provide students with an insight of the banking system, with a focus on the Indian economy.
CO.9	Students will also be exposed to success stories from underdeveloped to developed economies.
CO.10	They should be able to estimate an econometric model using statistical/econometric computer packages such as EViews and/or Stata and/or R and describe the findings of their work as an economist.

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✆: 6289482452 (Office)
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List of Course Outcome according to the Revised Bloom's Taxonomy:

Sl. No.	Course Outcome
CO.1	Knowledge
CO.2	Understanding
CO.3	Application
CO.4	Analysis
CO.5	Synthesis
CO.6	Evaluation

List of Programme Outcome:

Sl. No.	Name of Programme Outcome	Description
PO.1	Disciplinary knowledge	Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
PO.2	Communication Skills	Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
PO.3	Critical thinking	Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments;

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		critically evaluate practices, policies and theories by following scientific approach to knowledge development.
PO.4	Problem solving	Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
PO.5	Analytical reasoning	Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; drawvalid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
PO.6	Research-related skills	A sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
PO.7	Cooperation/Team work	Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
PO.8	Scientific reasoning	Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.

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PO.9	Reflective thinking	Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
PO.10	Information/digital literacy	Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
PO.11	Self-directed learning	Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
PO.12	Multicultural competence	Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
PO.13	Moral and ethical awareness/reasoning:	Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
PO.14	Leadership readiness/qualities	Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the

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		right destination, in a smooth and efficient way
PO.15	Lifelong learning	Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

Please write C.O. of syllabus (as provided by the department) in accordance with Revised Bloom's Taxonomy (CO1 to CO6)

C.O. Name According to the Syllabus	C.O. Name According to the Revised Bloom's Taxonomy
Students will be able to comprehend the fundamental methods and techniques of economics.	Knowledge
Students will comprehend the ideas of supply, demand and how markets operate.	Understanding
They should be able to estimate an econometric model using statistical/econometric computer packages such as EViews and/or Stata and/or R and describe the findings of their work as an economist.	Application
The course will train students how to use sophisticated econometric techniques to analyse statistical data.	Analysis
Students will also be exposed to success	Synthesis

stories from underdeveloped to developed economies.	
They are expected to be instructed to write original papers by introducing them to research paper technicalities and structure	Evaluation

CO-PO Mapping

(Indicate correlation, 1=very poor correlation, 2= poor correlation, 3= moderate correlation, 4= high correlation, 5= very high correlation)

P.O. /C.O.	CO1	CO2	CO3	CO4	CO5	CO6
PO.1	4	4	3	2	4	3
PO.2	4	4	3	2	1	3
PO.3	4	4	3	1	2	3
PO.4	4	4	1	4	3	1
PO.5	4	3	2	1	1	2
PO.6	4	2	3	2	4	2
PO.7	4	4	1	1	2	2
PO.8	4	3	3	2	4	4
PO.9	4	3	4	1	3	3
PO.10	4	2	1	2	2	3
PO.11	4	2	2	4	4	3
PO.12	4	4	3	2	2	1
PO.13	4	4	2	4	3	4

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PO.14	4	3	4	3	3	2
PO.15	4	3	2	2	3	1

List of ProgrammeSpecific Outcome according to the syllabus:

Sl. No.	ProgrammeSpecific Outcome
PSO.1	Students will comprehend the ideas of supply, demandand how markets operate.
PSO.2	It will provide several fundamental models of how an economy is structured, such as Keynesian and classical models.
PSO.3	The course will train students how to use sophisticated econometric techniques to analyse statistical data.
PSO.4	Students will also be exposed to success stories from underdeveloped to developed economies.
PSO.5	They will also have a better understanding of real market situations and gain insight regarding the decision-making behaviour of economic agents
PSO.6	This course will provide students with an insight of the banking system, with a focus on the Indian economy.

MAPPING OF CO, PO, PSO
DEPARTMENT OF ECONOMICS

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
CO2	✓	✓	✓	✓	✓	✓	✓					✓				✓	✓			✓	✓
CO3	✓	✓	✓	✓	✓	✓						✓				✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓									✓	✓		✓	✓					✓
CO5	✓	✓	✓															✓		✓	✓
CO6	✓	✓	✓																✓		✓

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CO Attainment

Session- 2020-21

Subject: Economics

Component	Direct				Indirect	Total	%
	External	Internal	Tutorial	Practical			
Marks(Non-Lab)	50	20	20	-	10	100	100%
Marks(Lab)	50	20	-	20	10	100	100%

Student-wise Attainment

Name	CU Roll No.	Direct	Indirect	Total	%
MALOY HAZRA	182562-21-0001	70.42	8	78.42	78.42
CO Attainment		70.42	8	78.42	78.42

Student-wise Attainment Level for Course Outcome: Final Semester

| Name	CU Roll No.	CO1	CO2	CO3	CO4	CO5	CO6
MALOY HAZRA	182562-21-0001	8	8	7	6	6	7
CO Attainment		8	8	7	6	6	7
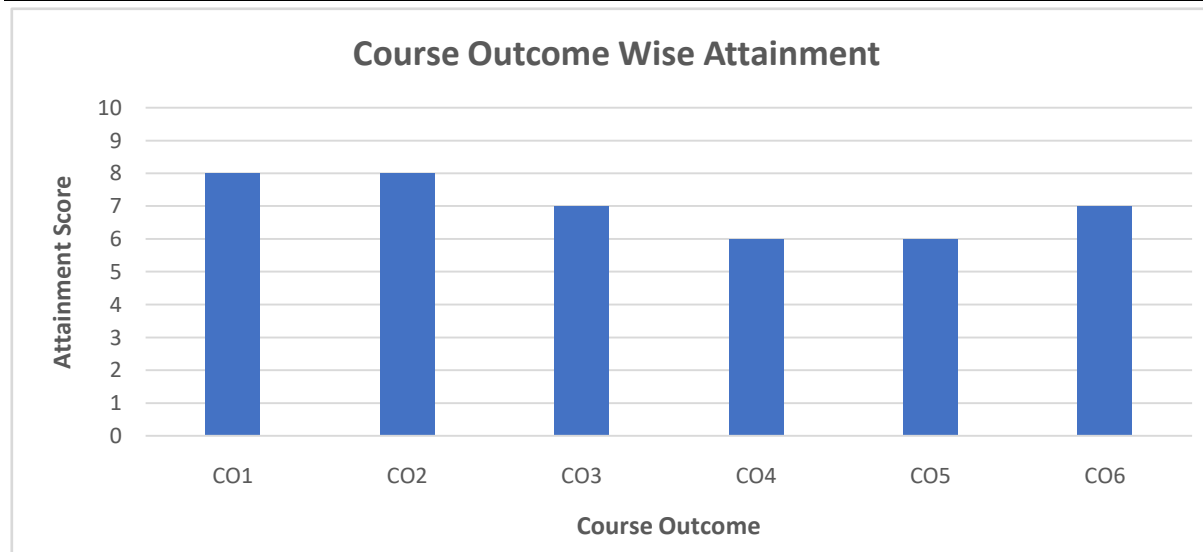
Course Outcome Wise Attainment

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The above chart illustrates the Course Wise Attainment Levels of CO1, CO2, CO3, CO4, CO5 and CO6.It shows that, although the attainment level is high for CO1, CO2, CO3 and CO6, it is relatively low for CO4 and CO5.

Attainment of Programme Outcomes

Calculation of Attainment of Programme Outcomes: Final Semester

Course Variables	Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	Programme wise Total Correlation Value	PO Attainment Level
	Average Attainments	5	5	4	3	3	4		
Programme Outcomes	PO1	4	4	3	2	4	3	20	4.10
	PO2	4	4	3	2	1	3	17	4.29
	PO3	4	4	3	1	2	3	17	4.29
	PO4	4	4	1	4	3	1	17	4.06
	PO5	4	3	2	1	1	2	13	4.38
	PO6	4	2	3	2	4	2	17	4.00
	PO7	4	4	1	1	2	2	14	4.36
	PO8	4	3	3	2	4	4	20	4.05
	PO9	4	3	4	1	3	3	18	4.17
	PO10	4	2	1	2	2	3	14	4.14
	PO11	4	2	2	4	4	3	19	3.89
	PO12	4	4	3	2	2	1	16	4.25
	PO13	4	4	2	4	3	4	21	4.05
	PO14	4	3	4	3	3	2	19	4.05
	PO15	4	3	2	2	3	1	15	4.13

*Average CO attainments are calculated on the basis of 5-point scale where 40% to 49%=1, 50% to 59%=2, 60% to 69%=3, 70% to 79%=4, ≥80%=5
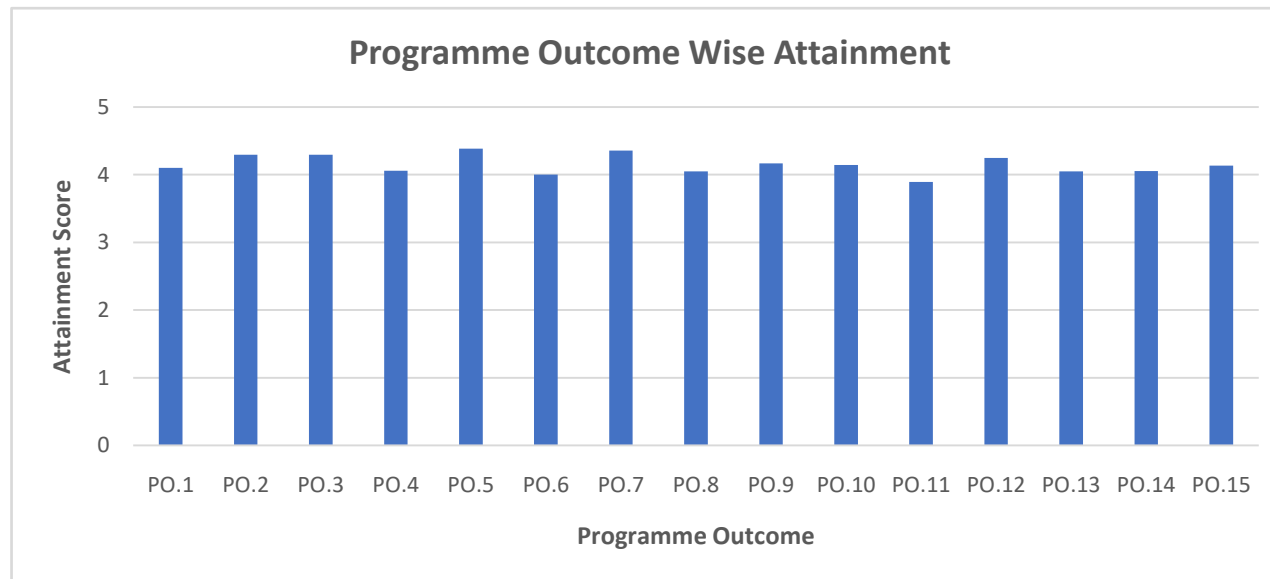
Above chart reflects most of the programme outcomes have good and satisfactory attainment level. To sustain and develop the progress students, are mentored by the teachers for higher studies as well as opting for professional training for entering into job market

Department of Economic
Maheshtala College