

PRAMATHESH BARUA COLLEGE

প্ৰমথেশ বৰুৱা মহাবিদ্যালয়

Affiliated to Gauhati University



Supporting Documents for Self Study Reports (3rd Cycle NAAC Accreditation) Period: 2018-19 to 2022-23

Criterion-2	Key Indicator: 2.6
Teaching-learning and Evaluation	Student Performance and Learning Outcomes
Metric No. 2.6.2	Attainment of POs and COs are evaluated.



Prepared and Submitted by
PRAMATHESH BARUA COLLEGE
Gauripur, Dist: Dhubri, Assam, PIN:783331



OFFICE OF THE PRINCIPAL
PRAMATHESH BARUA COLLEGE, GAURIPUR

Gauripur, Dhubri, Assam, 783331
NAAC ACCREDITATION GRADE "B" (CYCLE-III)

Ph. 93360 05438
Website: www.pbcollege.ac.in
Email: pbcollegegauripur@gmail.com

No.

Date: 11.07.2024

Undertaking

I hereby undertake and certify that the following information and documents related to the Metric 2.6.2 Attainment of POs and COs are evaluated is true to the best of my knowledge and belief.

Sl. No.	Particulars	Page No.
1.	IQAC Policy for Evaluation of POs and COs	1- 5
2.	Report on Evaluation of Attainment of POs and COs for the Session 2022-23	6- 12



Principal

(Dr. Kalyan Das)

Pramathesh Barua College, Gauripur

Principal

P.B. College, Gauripur



INTERNAL QUALITY ASSURANCE CELL (IQAC)

Policy Document on Evaluation of Attainment of Program Outcome (PO) and Course Outcomes (CO)

August 04, 2022



**PRAMATHESH BARUA COLLEGE,
GAURIPUR, DIST: DHUBRI (ASSAM), PIN- 783331**



1.1 Introduction

Pramathesh Barua College, Gauripur, through its Internal Quality Assurance Cell (IQAC), has established a comprehensive policy to evaluate and ensure the attainment of Programme Outcomes (POs) and Course Outcomes (COs). This policy aims to maintain and enhance the quality of education by systematically measuring and analysing the effectiveness of academic programs and courses.

1.2 Objectives

- i. To monitor and enhance the quality of education provided to students.
- ii. To ensure that graduates possess the necessary knowledge, skills, and attitudes required for their professional and personal lives.
- iii. To identify areas of improvement in teaching methodologies and curriculum design.
- iv. To facilitate continuous improvement through regular feedback and evaluation.

1.3 Attainment of Program Outcomes (POs) and Course Outcomes (COs)

The attainment of POs and COs is initiated and sustained through various initiatives and structured processes:

- **Induction Programs by IQAC:** These programs introduce students to the POs and emphasize the importance of achieving them.
- **Departmental Orientation Programs:** Departments conduct orientation sessions to explain the POs specific to their disciplines.
- **Daily Faculty Interactions:** Faculty members regularly interact with students to reinforce the significance of POs and guide them towards achieving these outcomes.
- **Information Dissemination through College Website:** Detailed information regarding POs and COs is made available on the college website for easy access by students.
- **Continuous Internal Evaluation (CIE):** Regular assessments are conducted to ensure students are on track to achieve the COs throughout the program.
- **Student Counselling Organized by IQAC:** Regular counseling sessions help address student concerns and guide them towards achieving POs and COs.



- **Preparation of Proper Teaching Plans:** Teaching plans are meticulously prepared at the beginning of each semester, ensuring structured and timely completion of courses.
- **Report on Course Completion and Monitoring by HODs and IQAC:** Regular monitoring and reporting by Heads of Departments (HODs) and IQAC ensure adherence to teaching plans and academic calendars.
- **Monitoring Performance in Co-curricular and Extra-curricular Activities:** Student performance in co-curricular and extra-curricular activities is monitored to provide a holistic assessment of their development.
- **Adherence to Academic Calendars:** Strict adherence to academic calendars published by the University, Academic Council of the College, and respective departments ensures timely completion of academic activities.
- **Obtaining Systematic Feedback from Students:** Regular feedback is obtained from students to understand their perception of the attainment of POs and COs.
- **Tracking Student Progression:** The college tracks the career progression of students to assess the long-term impact of education provided.
- **Preparation and Maintenance of Records:** Detailed records on the attainment of POs and COs are maintained at the departmental level for systematic review and analysis.
- **Submission of Periodical Reports to IQAC:** Departments submit regular reports to IQAC regarding the attainment of POs and COs to facilitate continuous improvement.

1.4 Method of Evaluation of Attainment of POs and COs

1.4.1 Parameters for Evaluation- *Programme Outcomes (POs)*

- A. **Average Program CGPA:** To reflect the overall academic performance of students throughout the program.
- B. **Career Progression:** Tracking the career advancements of students post program completion to assess how well the education has prepared them for professional life.
- C. **Exit Survey Feedback:** Collection of feedback from graduating students on the program's effectiveness in achieving POs.

1.4.2 Parameters for Evaluation- *Course Outcomes (COs)*

- D. **Average Final Semester GPA:** To evaluate the overall performance of students in the final semester.



- E. **Sessional Examination Marks:** To assesses the understanding and retention of course material through periodic evaluations.
- F. **Assignment Marks:** To measures continuous assessment through assignments.
- G. **Project Preparation:** For courses involving field study, project preparation marks to be considered.
- H. **Attendance Percentage:** To indicate level of understanding and engagement in the course.

1.4.3 Analysis

The data prepared at the departmental level as per 1.4.1 and 1.4.2 above is to be analyzed as shown below:

Attainment of PO		Percentage (%)	Level of PO Attainment (Average of A, B & C) (in %)
A	Average Program CGPA obtained (in %)	XXX	XXX
B	Career Progression of Students after Completion of Program (in %)	XXX	
C	Average Feedback on Effectiveness of Program during Exit Survey (in %)	XXX	
Attainment of COs		Percentage (%)	Level of CO Attainment (Average of D, E, F, G, & H) (in %)
D	Average Final Semester GPA obtained	XXX	XXX
E	Average Percentage of Marks obtained in Sessional Examination for all Courses in Final semester	XXX	
F	Average Percentage of Marks obtained in Assignments for all Courses in Final semester	XXX	
G	Average Percentage of Marks obtained for Project Preparation (Course comprising Field Study) in Final Semester	XXX	
H	Average Percentage of Attendance for all subjects in Final semester	XXX	



1.4.4 Benchmarks for Attainment Levels

The level of attainment of POs and COs as obtained as per 1.4.3 above is to be categorized in the following manner:

Level of Attainment	Quality Indication
Above 80%	Excellent
70% to 80%	Very Good
60% to 70%	Good
50% to 60%	Fair
Below 50%	Poor

1.5 Discussion and Follow-up with Stakeholders

Regular discussions and follow-ups with internal and external stakeholders are conducted to ensure continuous improvement and progress. Feedback from students, faculty, alumni, and industry partners is systematically analysed and incorporated into the curriculum and teaching methodologies to enhance the overall educational experience.

This policy document outlines the structured approach adopted by Pramathesh Barua College, Gauripur, to evaluate and ensure the attainment of Programme Outcomes and Course Outcomes, ensuring the continuous improvement of educational quality and effectiveness

Gopal Ch. Barman

Coordinator
Internal Quality Assurance Cell
P.B. College, Gauripur

**INTERNAL QUALITY ASSURANCE CELL
(IQAC)**

**Report
on
Attainment of Program Outcome (PO) and
Course Outcomes (CO) for the
Session 2022-23**

February 19, 2024



**PRAMATHESH BARUA COLLEGE,
GAURIPUR, DIST: DHUBRI (ASSAM), PIN- 783331**

1.1 Introduction

The college has implemented a self-designed mechanism to evaluate the attainment of Programme Outcomes (POs) and Course Outcomes (COs). This comprehensive evaluation process ensures the continuous improvement of educational quality and effectiveness, aligning with the institutional goals and standards set by the Internal Quality Assurance Cell (IQAC).

1.2 Attainment of Programme Outcomes (POs)

The attainment of POs is initiated at the inception level, right after students are admitted into various programs. This is achieved through several initiatives:

1. **Induction Programs by IQAC:** These programs introduce students to the POs and the importance of achieving them.
2. **Departmental Orientation Programs:** Departments conduct orientation sessions to further explain the POs specific to their disciplines.
3. **Daily Faculty Interactions:** Faculty members regularly interact with students to reinforce the significance of POs and guide them towards achieving these outcomes.

The policy devised by the IQAC outlines specific parameters to measure the attainment of POs:

- **Average Program CGPA:** This reflects the overall academic performance of students throughout the program.
- **Career Progression:** Tracking the career advancements of students post-completion of the program to assess how well the education has prepared them for professional life.
- **Exit Survey Feedback:** Collecting feedback on the program's effectiveness from graduating students to understand their perception of how well the POs were met.

1.2.1 Data Analysis for Attainment of POs

The data on attainment of POs have been gathered by undertaking a sample survey of passing out students of BA (Honours) and B. Com (Honours) Programs for the session 2022-23 as shown below:



Sl. No.	Name	GU Roll No.	A. CGPA obtained (converted into percentage)	B. Progression (Higher Studies/ Job Employment/ Self Employment/None)	C. Feedback on Effectiveness of Programme Undergone
1	AMINUL ISLAM	UC-201-170-0006	71.60%	Higher Studies	90.00%
2	ISHA DAS	UC-201-170-0022	81.80%	None	80.00%
3	KABITA KUNDU	UC-201-170-0026	77.40%	None	90.00%
4	MONOWER HUSSAIN	UC-201-170-0034	69.70%	Higher Studies	90.00%
5	MUSFIRA KHATUN	UC-201-170-0037	68.20%	Higher Studies	90.00%
6	PRIYA PAUL	UC-201-170-0040	73.00%	None	100.00%
7	RASHAL KHETAWAT	UC-201-170-0042	71.60%	Higher Studies	90.00%
8	RIMPA SUTRADHAR	UC-201-170-0044	68.60%	Job/ Employment	80.00%
9	SAKSHI JAIN	UC-201-170-0046	78.90%	Higher Studies	70.00%
10	SALONI MAHATO	UC-201-170-0047	76.50%	Higher Studies	80.00%
11	SANCHAY SAHA	UC-201-170-0048	70.50%	Higher Studies	90.00%
12	WAHIDA BEGUM	UC-201-170-0059	64.70%	Higher Studies	100.00%
13	ARJINA PARBIN	UA-201-170-0013	73.60%	Higher Studies	92.00%
14	KARIMA KAWSER	UA-201-170-0031	64.30%	None	92.00%
15	MORZINA KHATUN	UA-201-170-0042	73.80%	Higher Studies	96.00%
16	SOFIQL ISLAM	UA-201-170-0070	67.30%	None	92.00%
17	BARNALI SAHA	UA-201-170-0019	73.40%	Higher Studies	96.00%
18	MERINA PARVEEN	UA-201-170-0034	63.40%	None	96.00%
19	RAJMINA SULTANA	UA-201-170-0052	66.90%	None	98.00%
20	SHUBHANKAR SARKAR	UA-201-170-0068	72.20%	Higher Studies	98.00%
21	UMME RABIYA SULTANA	UA-201-170-0077	67.80%	Higher Studies	98.00%
22	AFSANA PARBIN	UA-201-170-0004	79.30%	Higher Studies	96.00%
23	SHAJAHAN ALI	UA-201-170-0066	63.00%	Higher Studies	96.00%
24	SADDAM HUSSAIN	UA-201-170-0062	75.50%	None	98.00%
25	TAHAZ UDDIN TALUKDAR	UA-201-170-0074	72.70%	Higher Studies	80.00%
26	HOZRAT ALI	UA-201-170-0026	71.20%	Higher Studies	90.00%
27	ADRIJA SARKAR	UA-201-170-0003	66.80%	Job/ Employment	90.00%
28	BIKI BARMAN	UA-201-170-0020	75.90%	Self Employed	100.00%
29	BIKRAM GHOSH	UA-201-170-0022	75.10%	Self Employed	100.00%
30	GITASHREE BHOWMIK	UA-201-170-0023	70.30%	Higher Studies	100.00%
31	ISHIKA PAUL	UA-201-170-0028	64.10%	Job/ Employment	90.00%
32	KAMAL MOSTAFA SK	UA-201-170-0030	76.10%	Higher Studies	100.00%
33	MIRJUMA RAHMAN	UA-201-170-0036	68.50%	Job/ Employment	100.00%
34	MOUSUMI RAHMAN	UA-201-170-0043	70.80%	Job/ Employment	100.00%
35	RABINDRA CH DEY	UA-201-170-0051	63.00%	Job/ Employment	100.00%
36	RIMI KHATUN	UA-201-170-0059	75.30%	Higher Studies	100.00%
37	TULIKA DEY	UA-201-170-0075	66.10%	Job/ Employment	100.00%
38	RUPAM SAHA	UA-201-170-0060	85.50%	Higher Studies	90.00%
39	LOKNATH PAUL	UA-201-170-0033	82.40%	Higher Studies	90.00%
40	PALLABI BHAKAT	UA-201-170-0050	71.50%	None	80.00%
41	UMMY SALMA HABIBA	UA-201-170-0078	74.30%	None	80.00%
42	ABEDA BEGUM	UA-201-170-0002	74.60%	None	90.00%



Sl. No.	Name	GU Roll No.	A. CGPA obtained (converted into percentage)	B. Progression (Higher Studies/ Job Employment/ Self Employment/None)	C. Feedback on Effectiveness of Programme Undergone
43	SAIFUR RAHMAN	UA-201-170-0064	77.80%	None	90.00%
44	AMANULLAH SK	UA-201-170-0005	77.00%	None	70.00%
45	ASMA KHATUN	UA-201-170-0017	72.70%	None	80.00%
46	AMENA KHATUN	UA-201-170-0006	74.60%	None	80.00%
47	MURSHIDA KHATUN	UA-201-170-0044	73.50%	Higher Studies	90.00%

1.2.2 Measurement of Level of Attainment of Program Outcomes (POs)

Parameters	Attainment of PO	Percentage (%)	Level of PO Attainment (%) (Avg. of A, B & C)
A	Average Program CGPA obtained	72.19%	77.17%
B	Career Progression of Students after Completion of Program	68.09%	
C	Average Feedback on Effectiveness of Program during Exit Survey	91.23%	

The analysis presented in 1.2.1 & 1.2.2 above reveals an attainment level of 77.17% for POs, categorized as "Very Good" based on the established benchmarks as per policy.

1.3 Attainment of Course Outcomes (COs)

COs are clearly defined and communicated to students at the beginning of each academic session. The teaching plans are meticulously prepared for every subject, and a fixed timeline is established for course completion, adhering to the academic calendar of the affiliating university.

The IQAC's policy stipulates the following parameters to measure CO attainment:

- **Average Final Semester GPA:** Evaluates the overall performance of students in the final semester.
- **Sessional Examination Marks:** Assesses the understanding and retention of course material through periodic evaluations.
- **Assignment Marks:** Measures continuous assessment through assignments.



- **Project Preparation:** For courses involving field study, project preparation marks are considered.
- **Attendance Percentage:** High attendance is often correlated with better understanding and engagement in the course.

1.3.1 Data Analysis for Attainment of COs

As in case of POs, the data on attainment of POs have been gathered by undertaking a sample survey of passing out students of BA (Honours) and B. Com (Honours) Programs for the session 2022-23 as shown below:

Sl. No.	Name	GU Roll No.	D. Final Semester GPA (converted into percentage)	E. Avg. % of marks obtained in Sessional Exam. for all Final Sem. Courses	F. Avg. % of marks obtained in Assignments for all Final Sem. Courses	G. Avg. % of marks obtained in Project Course in Final Sem.	H. Avg % of Attendance in all Final Sem. Courses
1	AMINUL ISLAM	UC-201-170-0006	60.00%	91.67%	86.67%	66.00%	79.67%
2	ISHA DAS	UC-201-170-0022	75.00%	86.67%	80.00%	78.00%	85.00%
3	KABITA KUNDU	UC-201-170-0026	75.00%	81.67%	83.33%	76.00%	79.33%
4	MONOWER HUSSAIN	UC-201-170-0034	57.50%	76.67%	76.67%	78.00%	85.00%
5	MUSFIRA KHATUN	UC-201-170-0037	52.50%	86.67%	83.33%	78.00%	84.00%
6	PRIYA PAUL	UC-201-170-0040	62.50%	83.33%	76.67%	76.00%	78.33%
7	RASHAL KHETAWAT	UC-201-170-0042	75.00%	80.00%	73.33%	78.00%	78.67%
8	RIMPA SUTRADHAR	UC-201-170-0044	65.00%	88.33%	80.00%	78.00%	81.00%
9	SAKSHI JAIN	UC-201-170-0046	77.50%	81.67%	76.67%	80.00%	88.33%
10	SALONI MAHATO	UC-201-170-0047	72.50%	83.33%	80.00%	76.00%	87.67%
11	SANCHAY SAHA	UC-201-170-0048	67.50%	81.67%	83.33%	80.00%	79.33%
12	WAHIDA BEGUM	UC-201-170-0059	55.00%	80.00%	76.67%	78.00%	79.00%
13	ARJINA PARBIN	UA-201-170-0013	65.00%	80.00%	80.00%	48.75%	85.00%
14	KARIMA KAWSER	UA-201-170-0031	55.00%	81.25%	72.50%	47.50%	80.00%
15	MORZINA KHATUN	UA-201-170-0042	72.50%	80.00%	77.50%	47.50%	90.00%
16	SOFIQL ISLAM	UA-201-170-0070	62.50%	76.25%	77.50%	50.00%	80.00%
17	BARNALI SAHA	UA-201-170-0019	60.00%	76.25%	91.67%	NA	80.00%
18	MERINA PARVEEN	UA-201-170-0034	42.50%	85.00%	100.00%	NA	92.50%
19	RAJMINA SULTANA	UA-201-170-0052	47.50%	83.75%	100.00%	NA	87.50%
20	SHUBHANKAR SARKAR	UA-201-170-0068	62.50%	85.00%	100.00%	NA	92.50%
21	UMME RABIYA SULTANA	UA-201-170-0077	52.50%	82.50%	100.00%	NA	90.00%
22	AFSANA PARBIN	UA-201-170-0004	79.30%	80.00%	98.00%	84.00%	80.00%
23	SHAJAHAN ALI	UA-201-170-0066	63.00%	75.00%	96.00%	80.00%	76.00%
24	SADDAM HUSSAIN	UA-201-170-0062	75.50%	90.00%	96.00%	96.00%	90.00%
25	TAHAZ UDDIN TALUKDAR	UA-201-170-0074	72.30%	80.00%	95.00%	85.00%	78.00%
26	HOZRAT ALI	UA-201-170-0026	71.20%	88.00%	96.00%	90.00%	80.00%
27	ADRIJA SARKAR	UA-201-170-0003	60.00%	55.00%	45.00%	NA	75.00%
28	BIKI BARMAN	UA-201-170-0020	70.00%	70.00%	50.00%	NA	93.00%
29	BIKRAM GHOSH	UA-201-170-0022	48.00%	57.50%	50.00%	NA	75.00%
30	GITASHREE BHOWMIK	UA-201-170-0023	62.00%	60.00%	50.00%	NA	76.00%
31	ISHIKA PAUL	UA-201-170-0028	55.00%	55.00%	47.50%	NA	75.00%



Sl. No.	Name	GU Roll No.	Final Semester GPA (converted into percentage)	Avg. % of marks obtained in Sessional Exam. for all Final Sem. Courses	Avg. % of marks obtained in Assignments for all Final Sem. Courses	Avg. % of marks obtained in Project Course in Final Sem.	Avg % of Attendance in all Final Sem. Courses
32	KAMAL MOSTAFA SK	UA-201-170-0030	70.00%	70.00%	50.00%	NA	89.00%
33	MIRJUMA RAHMAN	UA-201-170-0036	60.00%	70.00%	50.00%	NA	91.00%
34	MOUSUMI RAHMAN	UA-201-170-0043	62.00%	70.00%	50.00%	NA	90.00%
35	RABINDRA CH DEY	UA-201-170-0051	52.00%	50.00%	40.00%	NA	75.00%
36	RIMI KHATUN	UA-201-170-0059	62.00%	75.00%	50.00%	NA	91.00%
37	TULIKA DEY	UA-201-170-0075	55.00%	50.00%	45.00%	NA	75.00%
38	RUPAM SAHA	UA-201-170-0060	87.50%	91.00%	96.00%	NA	95.00%
39	LOKNATH PAUL	UA-201-170-0033	82.50%	75.00%	87.00%	NA	90.00%
40	PALLABI BHAKAT	UA-201-170-0050	62.50%	61.00%	75.00%	NA	86.00%
41	UMMY SALMA HABIBA	UA-201-170-0078	70.00%	83.00%	83.00%	NA	80.00%
42	ABEDA BEGUM	UA-201-170-0002	70.00%	80.00%	75.00%	NA	78.00%
43	SAIFUR RAHMAN	UA-201-170-0064	72.50%	83.00%	92.00%	NA	88.00%
44	AMANULLAH SK	UA-201-170-0005	72.50%	64.00%	83.00%	NA	90.00%
45	ASMA KHATUN	UA-201-170-0017	65.00%	64.00%	79.00%	NA	88.00%
46	AMENA KHATUN	UA-201-170-0006	67.50%	64.00%	87.00%	NA	94.00%
47	MURSHIDA KHATUN	UA-201-170-0044	60.00%	66.00%	87.00%	NA	90.00%

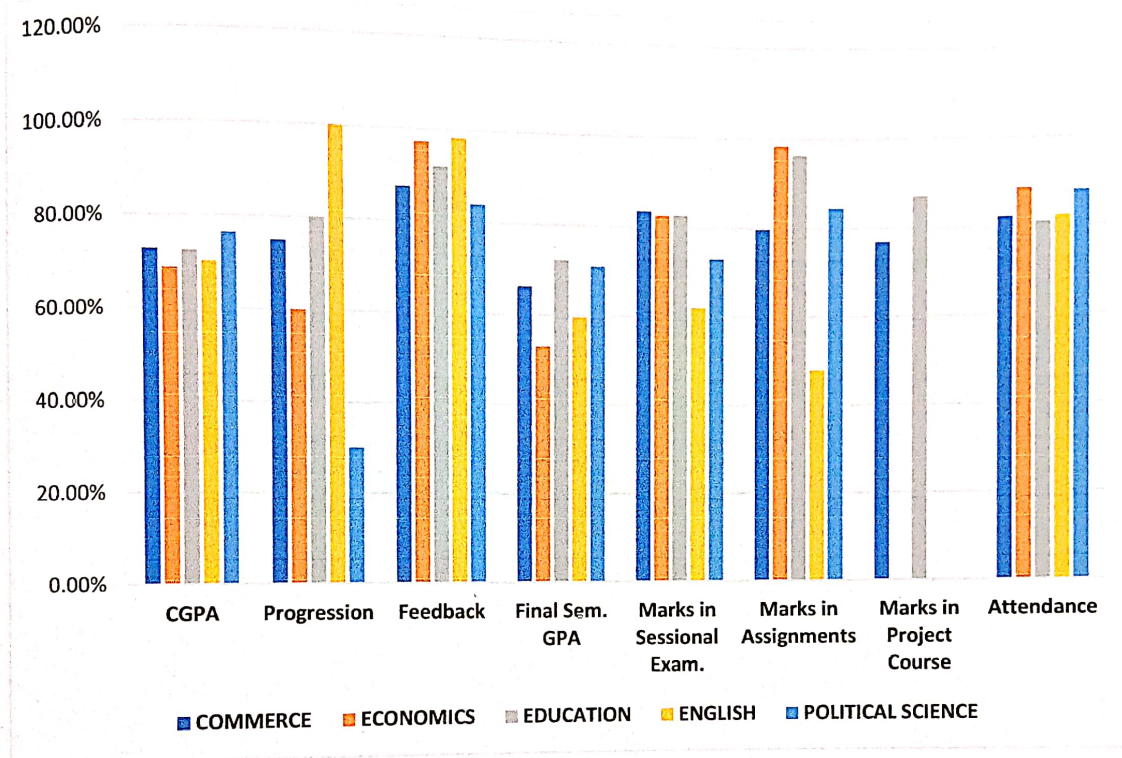
1.3.2 Measurement of Level of Attainment of Course Outcomes (COs)

Parameters	Attainment of CO	Percentage (%)	Level of CO Attainment (%) (Avg. of D, E, F, G & H)
D	Average Final Semester GPA obtained	64.73%	75.02%
E	Average Percentage of Marks obtained in Sessional Examination for all Courses in Final semester	75.71%	
F	Average Percentage of Marks obtained in Assignments for all Courses in Final semester	76.77%	
G	Average Percentage of Marks obtained for Project Preparation (Course comprising Field Study) in Final Semester	73.85%	
H	Average Percentage of Attendance for all subjects in Final semester	84.06%	



The analysis presented in 1.3.1 & 1.3.2 above reveals an attainment level of 75.02% for COs, which also falls under the "Very Good" category based on the established benchmarks as per policy

1.4 Department- wise Performance on PO and CO Parameters



Note: The analysis has been carried out only for the Departments of the College offering CBCS Honours Course at the Undergraduate Level

1.5 Conclusion

The attainment levels of 77.17% for POs and 75.02% for COs indicate a "Very Good" performance for the session 2022-23. This reflects the college's effective educational strategies and the successful implementation of the IQAC's policies. Continuous assessment and feedback mechanisms ensure that the institution can maintain and improve these standards, striving for excellence in higher education.


Principal
P.B. College, Gauripur

