



ACADEMIC PERFORMANCE **ANALYSIS REPORT**

**UG MAJOR 1ST SEMESTER
EXAMINATION-2024**

Internal Quality Assurance Cell
(IQAC)
Sripat Singh College

Summary: UG Major 1st Semester Examination – 2024 (Arts & Science Streams Combined with Percentage Analysis)

A total of 2170 students appeared

Arts: 1548 students (71.29%)

Science: 622 students (28.71%)

But only 428 students (19.72%) qualified in all subjects.

Thus, **1742 students (80.28%) have supplementary/backlogs**, indicating a **critical academic challenge across streams**.

SGPA Performance (Among Qualified Students – 428)

- Around 257 students ($\approx 60.0\%$) scored SGPA between 6.00–6.99, indicating **average** academic performance.
- Only few students (0.93%) scored above SGPA 9.00.
- Approx. 102 students ($\approx 23.83\%$) scored SGPA between 7.00–7.99.
- Only 1.17% (few students) crossed the SGPA 8.00 threshold.
- Around 59 students (≈ 14) scored SGPA between 5.00–5.99

Top scorers:

S. Mazumder (Science) – SGPA 9.25

Golam Mohiuddin (Arts) – SGPA 8.75

Subject-Wise Backlog Trends

Arts Stream:

Bengali: 1124 (Including all- Major, Minor, Sec)

History: 647 (Including all- Major, Minor, Sec)

Philosophy: 497 (Including all- Major, Minor, Sec)

Political Science: 390 (Including all- Major, Minor, Sec)

Science Stream:

Zoology: 290 (Including all- Major, Minor, Sec)

Botany: 152 (Including all- Major, Minor, Sec)

Chemistry: 106 (Including all- Major, Minor, Sec)

SEC & VAC (**Environmental Studies**):

Combined failure rate: over 60–70%, making them the most failed components overall

Key Issues Identified

- **Over 80% failure rate across both streams.**
- Core subject failures are disproportionately high in some departments.
- SEC/VAC performance is alarmingly low, suggesting design or delivery issues.
- **Only 1 in 5 students passed — showing a clear gap in teaching–learning outcomes.**
- **Institutional resources and strategies not scaling with rising student numbers.**

Recommendations

- **Bridge and Remedial Classes** in Bengali, History, Zoology, Botany, Philosophy, Political Science, etc.
- Introduce internal tests to track readiness
- Faculty support systems, including academic mentors for each department
- **Establish Academic Monitoring Cell.**
- Motivate high scorers via research groups, subject competitions, and publication opportunities

Conclusion

Sripat Singh College must treat this result as **a wake-up call**. With only 19.72% students passing, **the situation demands urgent and systemic academic reforms.**

Investing in targeted support, curriculum review, and structured mentoring will help the academic majority thrive — not just a handful of top scorers. Without such intervention, quality and equity in education will remain out of reach.

Academic Performance Analysis: Arts Stream (Sripat Singh College)

Registration Years: 2023–24 & 2024–25

1. Introduction

This report presents a comparative academic performance analysis of the **Arts stream** of **Sripat Singh College** for **2024–25**. The report includes statistical insights into student appearance, qualification rates, SGPA distribution, top performers, and supplementary trends based on subject combinations. The objective is to evaluate progression, identify gaps, and guide future academic planning and intervention.

2. Overall Statistics	Registration	Registration
Category	2023–24	2024–25
Total Students (Arts)	1932	1932
Appeared	384	1548
Qualified	135	225
Supplementary	249	1323
Qualification Rate	35.15%	14.53%
Supplementary Rate	64.84%	85.46%

Observation:

While the number of students appearing in the examination significantly increased in 2024–25 (from 384 to 1548), the qualification rate **dropped sharply** from 35.15% to 14.53%, indicating a concerning decline in academic performance.

3. SGPA Distribution (Qualified Students Only)

2023–24

- SGPA 9.00–10.00: **0**
- SGPA 8.00–8.99: **0**
- SGPA 7.00–7.99: **6**

- SGPA 6.00–6.99: **52**
- SGPA 5.00–5.99: **77**

Highest SGPA: 7.40 — Achieved by **Arpita Sarkar & Sandip Ghosh**

2024–25

- SGPA 9.00–10.00: **0**
- SGPA 8.00–8.99: **11**
- SGPA 7.00–7.99: **52**
- SGPA 6.00–6.99: **149**
- SGPA 5.00–5.99: **12**

Highest SGPA: 8.75 — Achieved by **Golam Mohiuddin**

Observation:

There is a **modest improvement** in the **quality of high achievers** in 2024–25 with 11 students scoring above SGPA 8.00. However, the majority of students are still within SGPA 6.00–6.99. The total number of qualified students increased slightly, but the proportion of students with low SGPA (especially 5.00–5.99) is still significant.

4. Supplementary Analysis

2023–24

Total Supplementary: 249

- **Major (Core):** 149
 - BENMAJ: 40
 - ENGMAJ: 34
 - HISMAJ: 33
 - PHIMAJ: 27
 - SANMAJ: 18
 - PEDMAJ: 1
- **Minor (Elective):** 116
 - HISMIN: 49
 - BENMIN: 33
 - PLSMIN: 21
 - PHIMIN: 11
 - ENGMIN: 6
 - PEDMIN: 6

- **SEC (Skill Enhancement Course): 140**
 - HISSEC: 41
 - PLSSEC: 27
 - ENGSEC: 21
 - SANSEC: 20
 - PHISEC: 16
 - BENSEC: 14
 - PEDSEC: 1
- **VAC (Value-Added Course): 15 (All ENVVAC)**

2024–25

Total Supplementary: 1323

- **Major (Core): 1056**
 - HISMAJ: 249
 - PHIMAJ: 213
 - PLSMAJ: 177
 - BENMAJ: 173
 - ENGMAJ: 127
 - SANMAJ: 117
- **Minor (Elective): 958**
 - BENMIN: 606
 - HISMIN: 84
 - PLSMIN: 62
 - PHIMIN: 44
 - ENGMIN: 52
 - PEDMIN: 8
 - SANMIN: 2
- **MDC (Multidisciplinary Course): 60 (All ALDMDC)**
- **SEC (Skill Enhancement Course): 873**
 - HISSEC: 191
 - PHISEC: 186
 - BENSEC: 158
 - SANSEC: 119
 - ENGSEC: 106
 - PLSSEC: 103
- **VAC (Value-Added Course): 68 (All ENVVAC)**

Observation:

- The number of students with supplementary papers has **increased drastically**.
 - HISMAJ and PHIMAJ are the **most challenging majors**, showing the highest supplementary counts.
 - BENMIN (606 students) stands out with a **major concern** in elective subject performance.
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5. Key Observations & Recommendations

Key Concerns:

- **Sharp fall in pass percentage** (from 35.15% to 14.53%).
- Over **68% students of 2024–25** batch failed to clear at least one subject.
- **Supplementary rates in Major and Minor subjects** are alarmingly high.
- **Skill Enhancement and Multidisciplinary Courses** are also significantly underperformed.

Recommendations:

1. **Immediate remedial classes** in HIS, PLS, PHI, and BEN for both Major and Minor levels.
 2. Initiate **Bridge Courses** for weak students in critical subjects at the beginning of semesters.
 3. Conduct **academic counselling** and continuous internal assessments to track progress.
 4. Strengthen **Faculty-Student mentorship** to monitor individual academic issues.
 5. Introduce **question paper analysis** and past performance reviews to improve pedagogy.
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6. Conclusion

The Arts stream at Sripat Singh College has witnessed a steep decline in academic success in the 2024–25 session. The **massive increase in student enrollment** was not matched by proportional academic support, leading to a **crisis of performance**. An urgent strategic intervention with focused academic mentoring, subject-wise remedial action, and teaching methodology enhancement is required to reverse this downward trend and improve future outcomes.

Academic Performance Analysis: Science Stream (Sripat Singh College)

Registration Years: 2023–24 & 2024–25

1. Introduction

This report presents a comparative academic analysis of the Science stream at **Sripat Singh College** for **two consecutive registration years: 2023–24 and 2024–25**. It includes trends in appearance, qualification rates, SGPA distributions, highest achievers, and subject-wise supplementary performance. The aim is to identify patterns, performance bottlenecks, and improvement strategies.

2. Student Appearance

Registration Year	Total Students Appeared
2023–24	140
2024–25	622

3. Overall Result Summary

Registration Year	Qualified (%)	Supplementary (%)
2023–24	72 (51.43%)	68 (48.57%)
2024–25	203 (32.64%)	419 (67.36%)

Key Insights:

- The pass rate **dropped** from **51.43% to 32.64%**, despite a higher student intake.
- The **supplementary (backlog) rate** sharply **rose** by nearly 19 percentage points.

- The drop in performance may be linked to resource strain or varied academic preparedness.

4. SGPA Distribution (Among Qualified Students)

SGPA Range	2023–24	%	2024–25	%
9.00–10.00	1	1.39%	4	1.97%
8.00–8.99	1	1.39%	54	26.60%
7.00–7.99	17	23.61%	10	4.93%
6.00–6.99	50	69.44%	43	21.18%
5.00–5.99	3	4.17%	1	0.49%
Highest SGPA	9.00 (D. S. Ganguly)		9.25 (S. Mazumder)	

Observations:

- Significant **increase in high scorers** (SGPA ≥ 8.00) in 2024–25.
- Majority of qualified students in 2023–24 were in **average range** (6.00–6.99).
- Though **top-tier performers improved**, overall academic success declined.

5. Supplementary (Backlog) Analysis

5.1 Subject-Wise Supplementary Trend Comparison

Subject Code	Subject Name	2023–24 (Total)	2024–25 (Total)
ZOOMAJ	Zoology (Major)	18	118
BOTMAJ	Botany (Major)	1	73
CEMMAJ	Chemistry (Major)	7	34
GEOMAJ	Geography (Major)	12	1
ENVMAJ	Environmental Science	–	47

PHSMAJ	Physics (Major)	–	11
ZOOMIN	Zoology (Minor)	9	78
CEMMIN	Chemistry (Minor)	2	46
MTMMIN	Mathematics (Minor)	10	42
ZOOSec	Zoology (SEC)	6	61
BOTSEC	Botany (SEC)	3	54
ENVVAC	Environment (VAC)	9	18
CSBMDC	Multi-disciplinary	0	22

Note: This table presents the key subjects showing notable supplementary trends across both years.

5.2 Summary Observations:

- **Zoology** remains the most challenged subject across **major**, **minor**, and **SEC** categories.
 - **Botany** and **Chemistry** show rising backlogs, demanding urgent academic attention.
 - **SEC** and **VAC** backlogs nearly **tripled**, hinting at preparation gaps or curricular overload.
 - **MDC backlogs (22 cases)** appeared newly in 2024–25, suggesting initial instability in new offerings.
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6. Key Trends and Insights

6.1 Performance Overview

- Significant **performance decline** with the growing batch.
- **67% of students had at least one backlog** in 2024–25 vs 48.57% in 2023–24.

6.2 Excellence vs Struggle

- Though **top SGPA levels rose**, the bulk of students struggled, suggesting a widening **performance gap**.
- The **sharp fall in average achievers (SGPA 6–7)** is a cause for concern.

6.3 Course-Wise Concerns

- Consistent poor performance in **Zoology and Botany** suggests teaching, course difficulty, or resource challenges.
 - New subjects like **CMSMAJ**, **MBTMAJ**, and **CSBMDC** showed early signs of academic stress, though still marginal in volume.
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7. Recommendations

A. For High-Backlog Subjects

- Launch **remedial classes**, **departmental mentoring**, and **bridge courses** for:
 - Zoology
 - Botany
 - Chemistry
- Implement **micro-diagnostics** (weekly tests, analytics) to identify specific learning gaps.

B. Faculty & Infrastructure Enhancement

- Increase **faculty strength** or **support mechanisms** (like teaching assistants).
- Offer **workshops** to faculty for best practices in large-class teaching.

C. Strengthen SEC & MDC

- Simplify and scaffold course content in SEC/VAC/MDC.
- Integrate **hands-on learning** or **modular assessments**.

D. Support for High Performers

- Encourage research internships or inter-college seminars.
- Offer **honors-style electives** or skill-based certifications.

E. New Subject Monitoring

- Introduce **quarterly feedback loops** for emerging subjects to preempt long-term issues.

F. Institutional Initiatives

- Create a **Science Academic Monitoring Cell** to track performance metrics.
 - Initiate a **student-led peer tutoring program**, with credit incentives.
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8. Conclusion

Sripat Singh College has been facing new challenges in **academic performance**, especially visible in the drastic **drop in pass rate (from 51.43% to 32.64%)** and **increase in supplementary cases**.

Despite this, the **rise in high SGPA achievers** signals the presence of academic excellence. A dual strategy of **supporting struggling learners** while **nurturing top performers** will be crucial.

Strategic academic interventions, informed resource allocation, and proactive course management can pave the way for a more balanced and successful academic outcome in future cohorts.