

EWING CHRISTIAN COLLEGE, PRAYAGRAJ

(An Autonomous Constituent College of University of Allahabad)
(A Christian Minority Institution of Church of North India, Diocese of Lucknow)
711, Gaughat, Mutthiganj, Prayagraj, Uttar Pradesh – 211003

Ref. No.: ECC/AEC-QRSA/2025-26/02

Date: October 28, 2025

NOTICE

Schedule of AEC Classes for B.A. Semester I Students

This is to inform all **B.A. Semester I students** of the Academic Session **2025–2026** that the **AEC Classes** of the course titled **"Quantitative Reasoning and Statistical Analysis"** shall commence from **October 31, 2025** and continue till **November 28, 2025**.

There shall be a total of **30 classes**, to be held on **all weekdays and Saturdays** except holidays as per the following schedule:

- **Weekdays (Monday to Friday):** 08:00 – 09:00 hrs
- **Saturdays:** 08:00 – 10:00 hrs

Schedule of AEC Classes

S. No.	Date	Day	Timing	No. of Lectures	Name of Faculty	Lecture Theatre
1	31.10.2025	Friday	08:00 am to 09:00 am	1	Dr. Rohitesh Pradhan	M2
2	01.11.2025	Saturday	08:00 am to 10:00 am	2	Mr. Jitendra Kumar Sahu	M2
3	03.11.2025	Monday	08:00 am to 09:00 am	1	Dr. Rohitesh Pradhan	M2
4	04.11.2025	Tuesday	08:00 am to 09:00 am	1	Mr. Jitendra Kumar Sahu	M2
6	06.11.2025	Thursday	08:00 am to 09:00 am	1	Mr. Jitendra Kumar Sahu	M2
7	07.11.2025	Friday	08:00 am to 09:00 am	1	Mr. Jitendra Kumar Sahu	M2
8	08.11.2025	Saturday	08:00 am to 10:00 am	2	Mr. Jitendra Kumar Sahu	M2
9	10.11.2025	Monday	08:00 am to 09:00 am	1	Mr. Reuben E. Singh	M2
10	11.11.2025	Tuesday	08:00 am to 09:00 am	1	Dr. Rohitesh Pradhan	M2
11	12.11.2025	Wednesday	08:00 am to 09:00 am	1	Mr. Reuben E. Singh	M2
12	13.11.2025	Thursday	08:00 am to 09:00 am	1	Dr. Rohitesh Pradhan	M2
13	14.11.2025	Friday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2
14	15.11.2025	Saturday	08:00 am to 10:00 am	2	Mr. Reuben E. Singh	M2

Pratibha Singh

15	17.11.2025	Monday	08:00 am to 09:00 am	1	Mr. Reuben E. Singh	M2
16	18.11.2025	Tuesday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2
17	19.11.2025	Wednesday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2
18	20.11.2025	Thursday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2
19	21.11.2025	Friday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2
20	22.11.2025	Saturday	08:00 am to 10:00 am	2	Mr. Rakesh Kr. Upadhyay	M2
21	24.11.2025	Monday	08:00 am to 09:00 am	1	Mr. Rakesh Kr. Upadhyay	M2
22	25.11.2025	Tuesday	08:00 am to 09:00 am	1	Mr. Rakesh Kr. Upadhyay	M2
23	26.11.2025	Wednesday	08:00 am to 09:00 am	1	Mr. Rakesh Kr. Upadhyay	M2
24	27.11.2025	Thursday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2
25	28.11.2025	Friday	08:00 am to 09:00 am	1	Dr. Anupma Singh	M2

All the students enrolled in the above AEC course are required to attend the classes regularly and punctually.

Ravi Pandey

(In-Charge)

Department of Statistics
Department of Statistics
Ewing Christian College, Prayagraj
Prayagraj

Vinod
28/11/2025

(Coordinator)

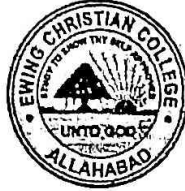
Department of Statistics
COORDINATOR
Ewing Christian College, Prayagraj
EWING CHRISTIAN COLLEGE
PRAYAGRAJ

Copy to:

1. Concerned Faculty with a request to conduct the classes as per schedule.
2. Head, Department of Mathematics for kind information.
3. Chairperson, Add-on Courses Coordination Committee, ECC for kind information.
4. The Registrar, ECC for kind information.
- ✓ 5. In-charge, College Website with a request to kindly upload the same on college website for information to all stakeholders.

सांख्यिकी विभाग

यूइंग क्रिश्चियन कॉलेज, प्रयागराज



DEPARTMENT OF STATISTICS

EWING CHRISTIAN COLLEGE, PRAYAGRAJ

(An Autonomous Constituent Post Graduate College of University of Allahabad)
(A Christian Minority Institution of Church of North India, Diocese of Lucknow)
711, Gaughat, Mutthiganj, Prayagraj, Uttar Pradesh - 211003

Ability Enhancement Course (AEC)

Course Title: Quantitative Reasoning and Statistical Analysis

Course Code: AEC-QRSA-101/102

Credits: 2 (Theory – 30 Lectures)

Course Objectives

This course aims to equip undergraduate students (B.A./B.Sc./B.Com.) from non-statistical backgrounds with foundational quantitative, logical, and analytical skills. The objectives are to:

1. Strengthen numerical and arithmetic reasoning abilities for academic, competitive, and everyday problem-solving (including finance-related calculations).
2. Develop verbal, non-verbal, and logical reasoning skills to improve decision-making and critical thinking.
3. Introduce data interpretation through graphical and tabular formats to foster analytical thinking.
4. Provide basic knowledge of basic statistics, classification of data and their representation.

Prerequisites

- Students of **B.Sc.** (except those who have **Statistics as Major/Minor subject**) of ECC in **Semester I** under the 4-year Undergraduate Programme (NEP 2020).
- Students of **B.A./B.Com.** of ECC in **Semester II** under the 4-year Undergraduate Programme (NEP 2020).

Detailed Syllabus (30 Lectures)

Unit 1: Mental Ability (10 Lectures)

- **Numerical Ability:** BODMAS rule, Simplification, Ratio & Proportion, Percentages, Profit & Loss, Simple & Compound Interest, Time & Work, Time & Distance.
- **Arithmetic Reasoning:** Averages, Problems on Ages, Calendar & Clock-based problems, Number and Letter Series.
- **Data Handling:** Interpretation of Bar Graphs, Pie Charts, Line Graphs, and Tabular Data.

7/28/25

28/8/25

Page 1 of 3

28/8/25

28/8/2025

Unit 2: Reasoning (8 Lectures)

Verbal Reasoning: Coding-Decoding, Blood Relations, Syllogism, Analogies, Classification (Odd-One-Out), Direction Sense Test.

- **Logical Reasoning:** Statement-Assumption, Statement-Conclusion, Cause-Effect, Assertion-Reason.
- **Non-Verbal Reasoning:** Figure Series, Mirror Images, Water Images, Pattern Recognition (elementary level).

Unit 3: Statistical Analysis (12 Lectures)

- Introduction, scope and limitations of Statistics. Introduction to Statistical concepts: Understanding statistical populations and samples. Classification of data, quantitative and qualitative, ordinal and nominal data. Diagrammatic and graphical representation of grouped data. Frequency distributions, cumulative frequency distributions and their graphical representation, histogram, frequency polygon and ogives.
- Measure of central tendency, measure of dispersion, merits and demerits of these measures, correlation coefficient and rank correlation.

Recommended Readings

1. Tyra, M., & Sahni, K. (Latest Edition). *Fast Track Objective Arithmetic*. Arihant Publications.
2. Agarwal, R. S. (Latest Edition). *A Modern Approach to Verbal & Non-Verbal Reasoning*. S. Chand Publishing.
3. Goon, A. M., Gupta, M. K., & Dasgupta, B. (Latest Edition). *Fundamentals of Statistics, Vol. I*. The World Press Pvt. Ltd.

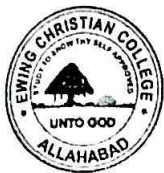
Course Outcomes (COs)

After completing this course, students will be able to:

- **CO1:** Apply numerical skills to solve problems on percentages, profit/loss, interest, time, and distance.
- **CO2:** Use arithmetic reasoning in problems involving averages, ages, and numerical series.
- **CO3:** Interpret data from common graphs and tables for decision-making.
- **CO4:** Apply verbal, non-verbal, and logical reasoning techniques to structured problems.
- **CO5:** Apply and interpret basic statistical concepts, measures of central tendency, measures of dispersion, correlation etc.

Signature
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Ref. No.: ECC/AEC-QRSA/2025-26/03

Date: October 28, 2025

LIST OF STUDENTS ENROLLED FOR AEC COURSE IN SEMESTER 1, 2025-2026

Name of Course: Quantitative Reasoning and Statistical Analysis

S. No.	Enrolment No.	Roll No.	Name of Student
1.	ECCU2511009	25111009	AMRESH RAI
2.	ECCU2511036	25111036	ARADHYA MISHRA
3.	ECCU2511039	25111039	PRANAV KUMAR
4.	ECCU2511045	25111045	VIVEK PATEL
5.	ECCU2511062	25111062	HARSH KUMAR SINGH
6.	ECCU2511063	25111063	SATYA AGARWAL
7.	ECCU2511067	25111067	AYUSHI
8.	ECCU2511073	25111073	SHIVANSH CHAUBEY
9.	ECCU2511084	25111084	AMRITA CHAUHAN
10.	ECCU2511089	25111089	KRISHNA PRATAP YADAV
11.	ECCU2511097	25111097	AMRIT DWIVEDI
12.	ECCU2511098	25111098	VIKASH TRIPATHI
13.	ECCU2511100	25111100	STUTI SINGH
14.	ECCU2511108	25111108	VIDIT TIWARI
15.	ECCU2511134	25111134	SHRISTI KUMARI
16.	ECCU2511141	25111141	ANIRUDH GUPTA
17.	ECCU2511142	25111142	SHREEYA
18.	ECCU2511152	25111152	ANKUR DUBEY
19.	ECCU2511157	25111157	DHRITI DASGUPTA
20.	ECCU2511167	25111167	ROHINI TIWARI
21.	ECCU2511191	25111191	ARAMBH SRIVASTAVA
22.	ECCU2511214	25111214	PRIYA SINGH
23.	ECCU2511216	25111216	YOGESH RAI
24.	ECCU2511228	25111228	ANSHIKA SINGH
25.	ECCU2511246	25111246	AMAN SHUKLA
26.	ECCU2511249	25111249	KARAN SINGH PATEL
27.	ECCU2511250	25111250	ABHISHEK SINGH
28.	ECCU2511252	25111252	PRINCE AGRAHARI
29.	ECCU2511288	25111288	TANISHKA SHUKLA
30.	ECCU2511308	25111308	SHREYANSH SHEETAL
31.	ECCU2511319	25111319	AYUSH KUMAR RAI
32.	ECCU2511325	25111325	MANSI MISHRA
33.	ECCU2511332	25111332	AMIT MISHRA
34.	ECCU2511343	25111343	KRISHNA MOHAN PANDEY
35.	ECCU2511347	25111347	RAJ KUMAR JAISWAL
36.	ECCU2511363	25111363	AAHVI SINGH
37.	ECCU2511374	25111374	VISHWANATH SINGH
38.	ECCU2511383	25111383	ANJALI KUSHWAHA
39.	ECCU2511387	25111387	SAMRIDDHI JAISWAL
40.	ECCU2511388	25111388	AYUSH GUPTA

41.	ECCU2511390	25111390	SWARUPA NAND PANDEY
42.	ECCU2511395	25111395	AVINASH KUMAR
43.	ECCU2511414	25111414	SHREYA MISHRA
44.	ECCU2511415	25111415	ASHWIKA RAI
45.	ECCU2511421	25111421	KHUSHI YADAV
46.	ECCU2511425	25111425	HARSHIT SHRIVASTAVA
47.	ECCU2511426	25111426	PRATIBHA
48.	ECCU2511435	25111435	PRAKASH YADAV
49.	ECCU2511440	25111440	SUBHASH YADAV
50.	ECCU2511454	25111454	ANKIT MISHRA
51.	ECCU2511474	25111474	VIMARSH SINGH
52.	ECCU2511488	25111488	DEVANG MANI
53.	ECCU2511501	25111501	KHUSHI
54.	ECCU2511505	25111505	ROHIT GUPTA
55.	ECCU2511509	25111509	ANKUSH SHUKLA
56.	ECCU2511516	25111516	HARSH PANDEY
57.	ECCU2511534	25111534	ANSH AGRAHARI
58.	ECCU2511536	25111536	AKASH AHIRWAR
59.	ECCU2511545	25111545	PRIYA KUMARI
60.	ECCU2511547	25111547	SHREYA MISHRA
61.	ECCU2511552	25111552	JANVI SONI
62.	ECCU2511554	25111554	ANSH SINGH
63.	ECCU2511576	25111576	SATYAM KUMAR SAH
64.	ECCU2511579	25111579	RIYA SRIVASTAVA
65.	ECCU2511581	25111581	HIMANSHU SINGH
66.	ECCU2511637	25111637	ALOK KUMAR
67.	ECCU2511640	25111640	SUMIT KUMAR
68.	ECCU2511649	25111649	WARISHA ALI
69.	ECCU2511663	25111663	SUDHANSHU KUMAR
70.	ECCU2511670	25111670	LEAH ALEX WELLS
71.	ECCU2511672	25111672	ALANKRITA JAISWAL
72.	ECCU2511679	25111679	KARTIKEY PRATAP YADAV
73.	ECCU2511685	25111685	NAKSHATRA ROY
74.	ECCU2511687	25111687	ANSH PATEL
75.	ECCU2511692	25111692	KAUSTUBH TRIPATHI
76.	ECCU2511733	25111733	SWASTI DWIVEDI
77.	ECCU2511735	25111735	SAKSHAM YADAV
78.	ECCU2511744	25111744	NAGENDRA SINGH
79.	ECCU2411301	25111816	GAUTAM KUMAR
80.	ECCU2411155	25111819	SHIVANSH PRITAM AWASTHI
81.	ECCU2531001	25311001	SHREYA BANERJEE
82.	ECCU2531002	25311002	SHLOK DIXIT
83.	ECCU2531003	25311003	SHIVI PANDEY
84.	ECCU2531007	25311007	SAUMYA MAHENDRA
85.	ECCU2531013	25311013	SHASHANK AGRAHARI
86.	ECCU2531020	25311020	ASTHA MALL
87.	ECCU2531021	25311021	LARIB ASGAR
88.	ECCU2531026	25311026	SWEENI SINGH
89.	ECCU2531028	25311028	SAKSHI MISHRA
90.	ECCU2531029	25311029	SIDDHI TANK
91.	ECCU2531030	25311030	ANANT KUMAR PANDEY

92.	ECCU2531033	25311033	ADITI TIWARI
93.	ECCU2531034	25311034	RITIK TRIPATHI
94.	ECCU2531035	25311035	AKSHAT KUMAR SINGH
95.	ECCU2531037	25311037	ANIKET KUMAR
96.	ECCU2531039	25311039	PIYUSH RAJ
97.	ECCU2531040	25311040	AKANSHA TIWARI
98.	ECCU2531042	25311042	PALAK SINGH
99.	ECCU2531044	25311044	RITESH SINGH
100.	ECCU2531057	25311057	YAJAT SARAN
101.	ECCU2531059	25311059	RUDRA SHUKLA
102.	ECCU2531060	25311060	PRIYE VRAT TIWARI
103.	ECCU2531064	25311064	PRATHA RAI
104.	ECCU2531067	25311067	VANSHIKA SRIVASTAVA
105.	ECCU2531068	25311068	BHOOMI TIWARI
106.	ECCU2531074	25311074	SHAKSHI RAI
107.	ECCU2531078	25311078	HAMZA AHMAD
108.	ECCU2531088	25311088	ANJALI SINGH
109.	ECCU2531089	25311089	AKCHAT MISHRA
110.	ECCU2531091	25311091	SHUBHAM KESHARWANI
111.	ECCU2531092	25311092	SHARIQ SALIM
112.	ECCU2531093	25311093	ANYA SONI
113.	ECCU2531096	25311096	SHREYA PANDEY
114.	ECCU2531097	25311097	MANAS JAISWAL
115.	ECCU2531098	25311098	ASHISH PRAJAPATI
116.	ECCU2531100	25311100	SHREYA GUPTA
117.	ECCU2531104	25311104	SWETA DUBEY
118.	ECCU2531105	25311105	ADARSH SHARMA
119.	ECCU2531106	25311106	PALLAVI SHUKLA
120.	ECCU2531110	25311110	MEGHA SHRIVASTAVA
121.	ECCU2531121	25311121	LAKSHYA VERMA
122.	ECCU2531123	25311123	ANANT AGARWAL
123.	ECCU2531133	25311133	SANSKRITI RATHORE
124.	ECCU2531136	25311136	AMIMA SIDDIQUI
125.	ECCU2531142	25311142	ABHIVYA JAISWAL
126.	ECCU2531148	25311148	ATHARV SHARMA
127.	ECCU2531151	25311151	SHIVANSH JAIN
128.	ECCU2531155	25311155	RISHABH PATHAK
129.	ECCU2531156	25311156	SUPRIYA YADAV
130.	ECCU2531157	25311157	ADITI SRIVASTAVA
131.	ECCU2431146	25311804	SHIVANG SINGH

In case of any query, students are required to contact the undersigned.


(In-Charge)

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(Coordinator)

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