

Admission to MSc Part – I programme for Academic year (2026-27)

MSc Data Science

The students applying for admission to MSc Data Science in our college are hereby informed, that they will be enrolling for a two years Postgraduate programme, having the pattern/scheme given under National Education Policy (NEP).

Eligibility: A student who has completed B.Sc.(Data Science), B.Sc. (Information Technology), B.Sc(Computer Science), B.Sc(Mathematics), B.Sc(Statistics), B.Sc(Physics), B.Sc(Electronics) and B.C.A from any recognized university in India with minimum of 55 percent or equivalent C.G.P.A is eligible for this program.

It is mandatory that all students should have done Calculus and Linear Algebra course during their graduation.

Instructions and Details of Admission to MSc in Data Science:

1. The selection of students for M.Sc Programme in the subject of Data Science will be based on Entrance Exam General and Logical Aptitude (60 marks) followed by interview process (40 marks).

Syllabus and structure for the Entrance Exam are as follows.

Unit-I Communication

Communication: Meaning, types, and characteristics of communication.

Effective communication: Verbal and Non-verbal, Inter-Cultural and group communications, Classroom communication, Barriers to effective communication, Mass-Media, and Society.

Unit-II Mathematical Reasoning and Aptitude

Mathematical Aptitude: Fraction, Time & Distance, Ratio, Proportion and Percentage, Profit and Loss, Interest and Discounting, Averages, etc.

Types of reasoning: Number series, Letter series, Codes, and Relationships.

Unit-III Logical Reasoning

Understanding the structure of arguments: argument forms, the structure of categorical propositions, Classical square of opposition, Evaluating and distinguishing deductive and inductive reasoning, Analogies.

Venn diagram: Simple and multiple uses for establishing the validity of arguments.

Unit-IV Data Interpretation

Sources, acquisition, and classification of Data.

Quantitative and Qualitative Data.

Graphical representation (Bar-chart, Histograms, Pie-chart, Table-chart, and Line-chart)

Mapping of Data, Data Interpretation. Data and Governance.

Unit-V Information and Communication Technology (ICT)

ICT: General abbreviations and terminology, Basics of the Internet, Intranet, E-mail, Audio and

Videoconferencing, Digital initiatives in higher education. ICT and Governance.

Unit-VI Comprehension

*Five questions each carrying 2 marks are to be set from each Unit,. Exam will be conducted in the college.

2. The total number of seats available for M.Sc Programme in the subject of Data Science are 20 (twenty)
3. The student should have passed TYBSc Semester VI exams, and the student should not have any ATKT (Allowed To Keep Terms).
4. The student should not have any pending ATKTs (Allowed To Keep Terms) from earlier Semesters (I, II, III, IV).
5. The student having academic gap (student who has done graduation/TYBSc earlier than academic year 2025-26) is required to submit a gap certificate/affidavit at the time of submission of application form.
6. Students should note that all admissions are strictly provisional until students comply with the eligibility criteria and verification of documents
7. The students/parents are welcome to visit the Department of Data Science, so that they can meet and interact with the faculty and see the laboratory facilities/infrastructure in the Department of Data Science.
8. For subject specific details such as syllabus, internship, research project, on job training/field project, examination pattern, fee structure, availability of seats, etc., the student can contact the following faculty from the Department of Data Science.

Dr. Abuzar (Head, Department of Data Science); Email: abuzara@sies.edu.in ; Telephone No. 9223277403



College of Arts,
Science & Commerce
(Empowered Autonomous)

SIES

RISE WITH EDUCATION

NAAC REACCREDITED "A" GRADE

MSc DATA SCIENCE

ADMISSIONS OPEN - 2026-27

A future-ready 2-year (4 Semester) postgraduate program designed to equip students with strong foundations in statistics, programming, machine learning and data analytics to solve real-world problems and derive data-driven insights.



★ WHY CHOOSE US?

- Highly qualified teachers with PhD and NET/SET
- Advanced instrument facilities
- Industry collaborations for research projects
- Student research publications in international journals
- Strong Alumni Network

👤 ELIGIBILITY

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It is mandatory that all students should have done Calculus and Linear Algebra course during their graduation.

ENTRANCE EXAM – SYLLABUS & STRUCTURE

The selection of students will be based on Entrance Exam General and Logical Aptitude (60 marks) followed by interview process (40 marks).

Syllabus for Entrance Exam:

	Unit-I	Communication: Meaning, types, and characteristics of communication. Effective communication: Verbal and Non-verbal, Inter-Cultural and group communications, Classroom communication, Barriers to effective communication, Mass-Media, and Society.
	Unit-II	Mathematical Reasoning and Aptitude: Fraction, Time & Distance, Ratio, Proportion and Percentage, Profit and Loss, Interest and Discounting, Averages, etc. Types of reasoning: Number series, Letter series, Codes, and Relationships.
	Unit-III	Logical Reasoning: Understanding the structure of arguments: argument forms, the structure of categorical propositions, Classical square of opposition, Evaluating and distinguishing deductive and inductive reasoning, Analogies. Venn diagram: Simple and multiple uses for establishing the validity of arguments.
	Unit-IV	Data Interpretation: Sources, acquisition, and classification of Data. Quantitative and Qualitative Data. Graphical representation (Bar-chart, Histograms, Pie-chart, Table-chart, and Line-chart) Mapping of Data, Data Interpretation, Data and Governance.
	Unit-V	Information and Communication Technology (ICT): General abbreviations and terminology, Basics of the Internet, Intranet, E-mail, Audio and Videoconferencing, Digital initiatives in higher education. ICT and Governance.
	Unit-VI	Comprehension

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📄 IMPORTANT INSTRUCTIONS & DETAILS

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- Dr. Abuzar** (Head, Department of Data Science)
Email: abuzara@sies.edu.in
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2026-27



For more details, write to:
abuzara@sies.edu.in



www.siesascs.edu.in