M.Sc. (Data Science) Part – I Admission 2024-2025
(ENTRANCE SECOND ROUND)

Students are required to note the following before applying for the second round of admission to M.Sc. (Data Science) Part – I for the year 2024-2025

Step 1: Students should do the Pre-Admission Online Enrolment, course wise, on the University web site for our college. (https://muadmission.samarth.edu.in/). Our college code is 183. (Its mandatory to comply before filling preadmission form of the college)

Step 2: Students should fill college PRE-ADMISSION form available in the college web site (www.siesascs.edu.in) as per schedule displayed below. (https://datavista.in/cms/student/Ext/auth/login_PG.php?sectionmaster_Id=17)

Step 3: Students should fill registration google form for M.Sc. (Data Science) Part – I Entrance Examination 2024-2025 through given link. (https://tinyurl.com/MSCDSAdmission)

Schedule of Second Round of Entrance Examination and Interview process:
The Second round of entrance Examination will be held on 06th July 2024, from 09.30 AM to 10.30 AM, followed by Interview process, at Data Science Lab, 4th Floor.
Result will be declared on the same day.

Eligibility criteria:
1. A student who has appeared or completed 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 a minimum of 55 percent or equivalent C.G.P.A is eligible for this program.

2. It is mandatory that students should have done Calculus and Linear Algebra or relevant courses during their graduation.

Syllabus and structure for the Entrance Exam:

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

Evaluation Scheme:
1. Five questions which carries 2 marks from each Unit. The exam will be conducted in Data Science Lab, 4th Floor.
2. Entrance Exam will be of 60 marks. The selected students will go through an interview process which carries 40 marks for admission to M.Sc. Programme in the subject of Data Science.

Principal