

Academic Calendar – Data Science - 2024-2025

Sr.No	ACTIVITIES	Class	PERIOD	Description
1.	Academic Year begins	SY & TY	1 July 2024	Classes commence for Second and Third year students of B.Sc Data Science
2.	Guest session on Machine Learning Fundamentals	SY & TY	4 th week of July 2024	Students can expect to gain deep insights on Machine Learning, part of Artificial Intelligence, that uses algorithms to collect data, predict output, find patterns akin to humans.
3.	Orientation and welcome Seminar for First year students	First year students of HM, DS,	2 nd week of August 2024	The Orientation programme aims at providing an overview of the college, the course, the campus infrastructure, matters related to discipline and overall conduct expected in the premises
4.	Guest session on Data Ethics and Privacy	FY, SY, TY	2 nd week of August, 2024	Guest lecture on Data handling, moral and ethical aspects, protecting confidentiality of information, challenges with Big Data, complying with privacy regulations, dealing with unauthorized access and misuse
5.	Soft skill training, personality development & Grooming Session for Placement	SY & TY	20 August, 2024	Session with Ms.Yamini Koul for resume building, Q&A Session with students.
6.	Skill enhancement courses (Online) 30 hrs	SY & TY	21-24 Aug, 2024	Online skill building courses from MOOC/Swayam/NPTEL aim at further enhancing skills of students and providing an edge in the competitive world
7.	Workshop on "InnoTech: Igniting Innovations in Technology"	FY, SY, TY	4 th Week of August 2024	Apart from focusing on groundbreaking innovations, the workshop will discuss significant advancement in new production techniques, research and development, cloud computing among others
8.	Session on "Future Tech: Innovating Beyond Boundaries"	FY, SY, TY	4 th Week of August, 2024	Students will gain insights into cutting-edge inventions, artificial intelligence, robotics, quantum

				computing, biotechnology among others.
9.	Internal Exams (Semester 3 & Semester 5)	All Students	26-30 August, 2024	Internal Assessment of 20 Marks (Written Unit Test)
10.	Fresher's Party	For FY students	1 st Week of September	Extending a warm welcome to First year students across streams with a get-together.
11.	Workshop on Virtual Reality	FY, SY, TY	1 st Week of September, 2024	The workshop aims at inspiring creativity and innovation among technology students with emphasis on immersive technology. From emulating real-life scenarios to training pilots in VR simulations - a controlled environment helps practice complex tasks easily.
12.	Guest Session on AI	FY, SY, TY	1 st Week of September, 2024	The Guest Session on Artificial Intelligence aims at imparting knowledge on the wide-ranging use of Artificial Intelligence, how machines match human intelligence, perform complex tasks with ease using algorithms –image recognition, language processing among others.
13.	Remedial Classes	FY, SY, TY	2 nd week of September, 2024	The aim is to identify weak learners and conduct extra classes to get them up to speed
14.	Internal Exams (Semester 1)	FY, SY, TY	9 – 15 September, 2024	Internal 20 Marks Written Unit Test
15.	Industry Visit	FY, SY, TY	3 rd week of September 2024	Industrial Visit to a Data Analytics firm
16.	Talent Hunt 2024	All Students	10-13 September, 2024	Talent Hunt 2024: Technical Quiz
17.	Guest Session on Advanced Python	FY, SY, TY	3 rd week of September, 2024	The Guest session will focus on Advanced Python concepts and their application.

18.	Guest Session on DBMS/SQL	FY, SY, TY	3rd week of September, 2024	The Guest session aim at providing insights into Database Management System, the tools used, storing and processing information and the various database systems.
19.	2 day Technical event - Hackathon	FY, SY, TY	1 st week of October, 2024	The 2-day Hackathon aims at enhancing capabilities of students on Natural Language processing technology
20.	IEEE Techithon'24 Kaizen	FY, SY, TY	TBD	IEEE Technithon '24 aims at promoting technology and bridging the academia, innovation gap through a whole lot of events, projects, activities.
21.	Guest Session on Power Query	FY, SY, TY	2 nd week of October, 2024	The Guest session on Power Query aims at elevating skills in data transformation and data preparation engine, manipulating data for business intelligence
22.	FDP on Research	FY, SY, TY	3 rd week of October, 2024	FDP on How to write a Research Paper
23.	External Exams (Semester 1 & Semester 3)	All Students	14 October, 2024 to 19 October, 2024	External Exams
24.	Visit to Robotics Lab	FY, SY, TY	1 st week of November, 2024	Enables students to gain hands-on experience on robots and understand the concepts.
25.	Session on DataLab	FY, SY, TY	2 nd week of November, 2024	The session aims at providing information on data lab, an open-source platform for scientific and technical data processing and visualisation and its varied use in business.
26.	Workshop on Cloud Computing, Machine Learning	FY, SY, TY	3rd week of November, 2024	The session focuses on the development of computer programs that can change when exposed to new data; manipulating, configuring, and accessing the applications online.
27.	Visiting IIT Mumbai's Techfest 2024-25	FY, SY, TY	2 nd week of Dec, 2024	Taking students to visit the famous Techfest of IIT to enhance learning

28.	Exhibition on Code Crafter's: Crafting Tomorrow's Solutions	FY, SY, TY	2 nd week of December, 2024	A research project that investigates connections between quilting and computational thinking, via design-based research to develop instructional workshops.
29.	Coding Competition	FY, SY, TY	3 rd week of December, 2024	To sharpen algorithm design and coding skills. Designing an efficient algorithm and writing a bug-free code that can withstand rigorous testing are some of the core skills essential to get a decent job or internship.
30.	Internal Exams (Semester 2 & Semester 4, Semester 6)	All Students	4 – 7 February, 2025	Internal 20 Marks Written Unit Test
31	Guest lecture on Big Data	FY, SY, TY	2 nd week of February, 2025	Guest lecture on Big Data
32	Training & Grooming Session for Placement	SY & TY	3 rd Week of February, 2025	Seminar for resume building, Q&A Session with students.
33	National Science Day	FY, SY, TY	28 February, 2025	National Science Day is celebrated every year on 28 February to mark the discovery of the 'Raman Effect' by Sir C.V. Raman on 28 February 1928
34	Remedial Classes	FY, SY, TY	1 st week March, 2025	Identifying weak learners and conducting extra classes to get them up to speed – at department level
35	Rhythm Festival	FY, SY, TY	April 2025	An annual cultural event organized by our engineering college with participation from other colleges
36	External Exams (Semester 2 & Semester 4, Semester 6)	All Students	9 - 14 April, 2025	External Exams
37	External Academic Audit		4 th week of April, 2025	Assessing performance of faculty and the department activities for the academic year