OFFICIAL TRANSCRIPT

Sl. No. 021072

Date : **August 8, 2024**

Name	PRATHAM SARAF		**Year of Admission**	JULY 2020
Reg. No	209309116		**Year of Completion**	JULY 2024
Degree	BACHELOR OF TECHNOLOGY			
Branch/Specialization	B.Tech (Data Science and Engineering)			

First Semester

Course Code	Course Title	Credit(s)	Grade
CS1001	PROBLEM SOLVING USING COMPUTERS	3	A
CS1030	PROBLEM SOLVING USING COMPUTERS LAB	1	A
CY1001	ENGINEERING CHEMISTRY	3	A
CY1030	ENGINEERING CHEMISTRY LAB	1	A+
DA1001	EXPERIENTIAL LEARNING	2	S
EE1001	BASIC ELECTRICAL TECHNOLOGY	3	A+
LN1001	COMMUNICATION SKILLS IN ENGLISH	2	A+
MA1101	ENGINEERING MATHEMATICS-I	4	A
ME1001	BASIC MECHANICAL ENGINEERING	3	A+
Credits Earned	**22**	**GPA**	**9.45**

Third Semester

Course Code	Course Title	Credit(s)	Grade
BB1640	FINANCE & ECONOMETRICS	3	A
DS2101	INTRODUCTION TO DATA ANALYTICS	3	A
DS2102	OBJECT ORIENTED PROGRAMING	4	B
DS2103	DATA STRUCTURES	4	B
DS2104	COMPUTER SYSTEM ARCHITECTURE	3	A
DS2130	DATA ANALYTICS LAB	1	B
DS2131	OBJECT ORIENTED PROGRAMMING LAB	1	A+
DS2132	DATA STRUCTURES LAB	1	B
MA2108	MATHEMATICAL FOUNDATIONS FOR DATA SCIENCE-I	3	A+
Credits Earned	**23**	**GPA**	**8.74**

Fifth Semester

Course Code	Course Title	Credit(s)	Grade
AR0053	DESIGN AND MAKE INFOGRAPHICS BY MICHIGAN STATE UNIVERSITY	3	S
DS3101	DEEP LEARNING	4	A+
DS3102	OPERATING SYSTEMS	3	A+
DS3103	NATURAL LANGUAGE PROCESSING	3	A
DS3104	CLOUD COMPUTING	3	A+
DS3130	DEEP LEARNING LAB	1	A+
DS3131	OPERATING SYSTEMS LAB	1	A+
DS3132	WEB TECHNOLOGIES LAB	2	A+
MA3107	MATHEMATICAL FOUNDATIONS FOR DATA SCIENCE-III	3	B
Credits Earned	**23**	**GPA**	**9.55**

Seventh Semester

Course Code	Course Title	Credit(s)	Grade
DS4142	BLOCKCHAIN TECHNOLOGY	3	A+
DS4145	SOCIAL NETWORK ANALYSIS	3	B
DS4152	FINANCE AND ACCOUNTING	3	C
DS4153	RISK ANALYSIS	3	A
DS4154	FINANCIAL MARKET ANALYSIS	3	B
DS4155	BUSINESS & ECONOMIC ANALYTICS	3	A
DS4170	INDUSTRIAL TRAINING	1	S
Credits Earned	**19**	**GPA**	**8.50**

Second Semester

Course Code	Course Title	Credit(s)	Grade
CV1001	BASIC CIVIL ENGINEERING	3	A+
CY1002	ENVIRONMENTAL STUDIES	3	A+
EC1001	BASIC ELECTRONICS	3	A+
MA1201	ENGINEERING MATHEMATICS-II	4	A+
ME1002	ENGINEERING GRAPHICS	3	A
ME1030	WORKSHOP PRACTICE	1	A+
PY1001	ENGINEERING PHYSICS	4	A
PY1030	ENGINEERING PHYSICS LAB	1	A
Credits Earned	**22**	**GPA**	**9.64**
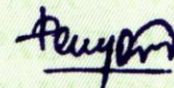
Fourth Semester

Course Code	Course Title	Credit(s)	Grade
CM0051	FORMAL FINANCIAL ACCOUNTING	3	S
DS2201	DATABASE SYSTEMS	4	C
DS2202	MACHINE LEARNING	4	A
DS2203	DESIGN & ANALYSIS OF ALGORITHMS	4	B
DS2204	DATA COMMUNICATIONS AND NETWORKS	3	C
DS2230	DATABASE LAB	1	B
DS2231	MACHINE LEARNING LAB	1	A+
DS2232	DESIGN & ANALYSIS OF ALGORITHMS LAB	1	A+
MA2216	MATHEMATICAL FOUNDATIONS FOR DATA SCIENCE-II	3	A
Credits Earned	**24**	**GPA**	**8.19**

Sixth Semester

Course Code	Course Title	Credit(s)	Grade
BB1340	OPERATIONS RESEARCH	3	A
DS3201	ARTIFICIAL INTELLIGENCE	4	C
DS3202	PARALLEL PROGRAMMING	4	B
DS3203	BIG DATA ANALYTICS	4	C
DS3204	DATA PRIVACY & SECURITY	3	B
DS3230	ARTIFICIAL INTELLIGENCE LAB	1	C
DS3231	PARALLEL PROGRAMMING LAB	1	C
DS3232	BIG DATA ANALYTICS LAB	1	C
EXC0002	APPLIED GRAPH THEORY	3	S
Credits Earned	**24**	**GPA**	**7.62**

Eighth Semester

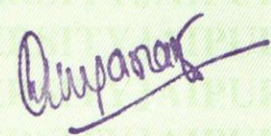| Course Code	Course Title	Credit(s)	Grade
DS4270	PROJECT WORK/ PRACTICE SCHOOL	12	A+
Credits Earned	**12**	**GPA**	**10.00**

TOTAL CREDITS : 169

CGPA : 8.90

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(with seal)

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Manipal University Jaipur**