

SARDAR PATEL UNIVERSITY



**DEPARTMENT OF STATISTICS
FACULTY OF SCIENCE COURSE OF
STUDY**

RULES FOR POST GRADUATE DIPLOMA IN DATA SCIENCE (PGDDS)

R.PGDDS_Stat.1: A candidate who has passed the Bachelor’s degree examination in any faculty of a University under 10 + 2 + 3 or an examination recognized as equivalent thereto with at least 40 percent of marks will be considered eligible for admission to the “Post Graduate Diploma in Data Science”. Preference will be given to the candidate who has studied a four credit course in Statistics / Mathematics / Computer Science at UG level.

R.PGDDS_Stat.2: In this course the candidates will have to study the following courses.
For details refer the PGDDS syllabi.

Course Code	Name of Course	Focus on Employability/Skill Development/Entrepreneurship	T/P	Credit	Exam Duration (in hrs)	Component of Marks		
						Internal	External	Total
PGDDS-C101	Business Statistics and Information System	Entrepreneurship	T	4	3	30/10	70/28	100/40
PGDDS-C102	Database Management System	Employability	T	4	3	30/10	70/28	100/40
PGDDS-E103	Introduction of R / Python Programming	Skill based	T	4	3	30/10	70/28	100/40
PGDDS-E104	Knowledge Discovery and Data Mining /Pattern Recognition	Skill based	T	4	3	30/10	70/28	100/40
PGDDS-C105	Practical	Skill based	P	4	3	30/10	70/28	100/40
PGDDS-C106	Practicum and Viva-Voce	Skill based	P	5	3	30/10	70/28	100/40
Total Sem-I				25				600
PGDDS-C201	Computer Oriented Statistical Methods	Skill based	T	4	3	30/10	70/28	100/40
PGDDS-C202	Econometrics and Time Series Analysis	Skill based	T	4	3	30/10	70/28	100/40
PGDDS-C203	Statistical Computing through SPSS	Employability/ Skill based	T	4	3	30/10	70/28	100/40
PGDDS-E204	Operations Research / Lean Six Sigma Methodology	Skill based	T	4	3	30/10	70/28	100/40
PGDDS-C205	Practical	Skill based	P	4	3	30/10	70/28	100/40
PGDDS-C206	Project and Viva-Voce	Entrepreneurship	P	5	3	30/10	70/28	100/40
Total Sem-II				25				600

R.PGDDS_Stat.3: The course coordinator will be in charge of the internal examination. Candidates will be examined in each theory paper for 100 marks. For deciding the result the ratio between the internal assessment and external assessment shall be 30:70. For the purpose

of internal assessment, the Department concerned will conduct one test. The Department will also arrange Quiz, Seminar etc. for internal assessment in theory course work. The distribution of marks will be as under: -

1. Structure for each theory paper:

a)	Quiz/Seminar	.	..	..	5 marks
b)	Assignment	..	..	..	5 marks
c)	Test	..	..	..	20 marks
				Total	30 marks

R.PGDDS_Stat.4: The total number of seats for the course is 30 and the fee structure of the course is as under.

Collection Head	Amount in Rupees
Tuition Fees per Semester	20,000.00
Examination Fees per semester	810.00
Gymkhana Fees per semester	150.00
Univ. Dev. Fund per semester	250.00
• Library Deposit	200.00 *#
• Registration fee	500.00 #
• Bar Coded I Card Fee	100.00 #

*Refundable

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