

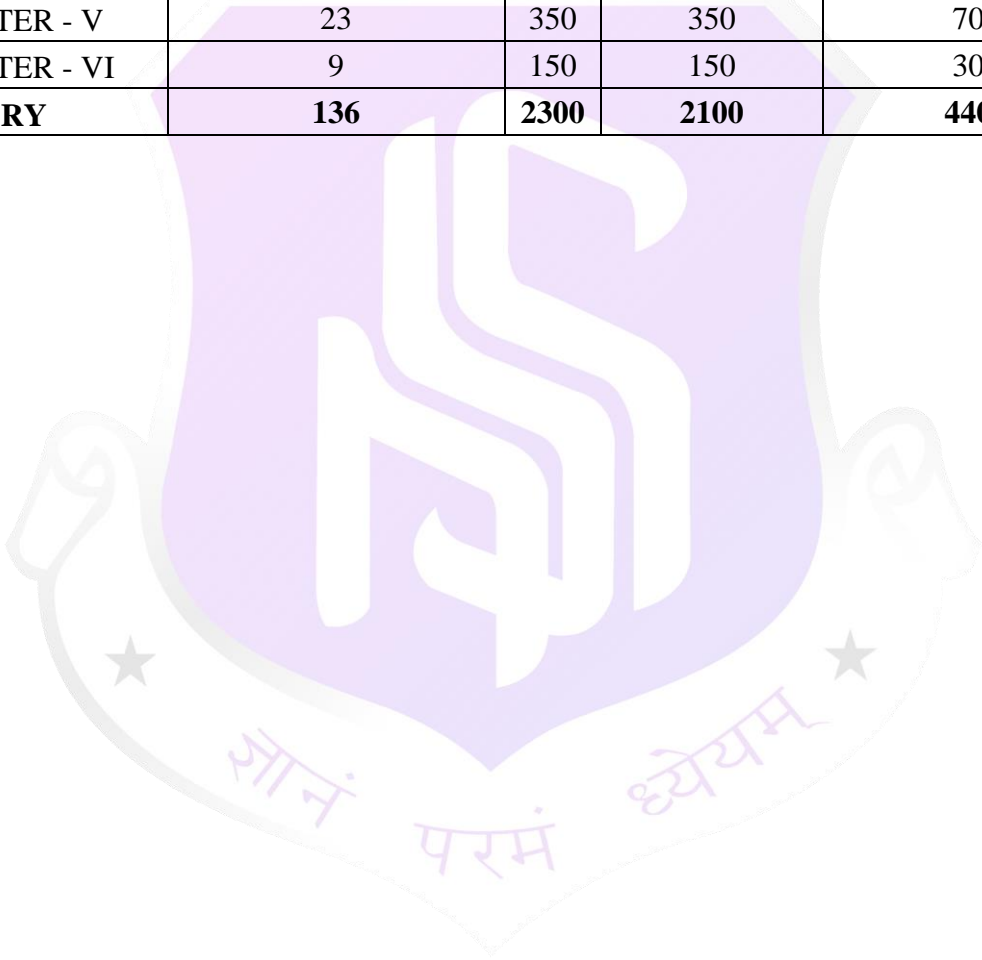
Post Graduate Diploma in Management -Data science and Analytics

Program Structure 2023-25

OBJECTIVE	A Two-year full-time program designed to create Techno managers with an analytical approach towards solving business problems using data visualisation & decision-making tools take your career to the next level in the field of Data Science.											
DURATION (In Months)	24 (Full Time)											
INTAKE	60											
ELIGIBILITY	<p>The candidate must hold the bachelor's degree or equivalent examinations in any discipline with at least 50% marks or equivalent CGPA (45% in case of candidates belonging to reserved categories). In order to pursue this course, you must have pursued your graduation preferably in the IT/ Engineering/ statistics field.</p> <p>The candidate must have appeared for any recognized Management Entrance Examination like CMAT, CAT, MAT, XAT etc and NBSAT (NBS aptitude test), a management entrance exam devised by Narayana Business School, which assesses the candidates Mathematical Aptitude, General Knowledge, Verbal Ability & Abstract Reasoning.</p>											
SELECTION PROCEDURE	<p>Students will be evaluated on the following parameters</p> <table border="1"> <tr> <td>NBSAT Score (out of 100, scale down to 50 marks)</td> <td>50%</td> </tr> <tr> <td>Academic Performance & Prior Work Experience</td> <td>20%</td> </tr> <tr> <td>Group Discussion</td> <td>15%</td> </tr> <tr> <td>Personal Interview</td> <td>15%</td> </tr> <tr> <td>Total</td> <td>100</td> </tr> </table>		NBSAT Score (out of 100, scale down to 50 marks)	50%	Academic Performance & Prior Work Experience	20%	Group Discussion	15%	Personal Interview	15%	Total	100
NBSAT Score (out of 100, scale down to 50 marks)	50%											
Academic Performance & Prior Work Experience	20%											
Group Discussion	15%											
Personal Interview	15%											
Total	100											
MEDIUM OF INSTRUCTION	English											
PROGRAMME PATTERN	Trimester											
FEE	7,95,000 for two years (Excluding Hostel amenities)											
ASSESSMENT	Each course will have weightage of 100 marks wherein 50% will be of Continuous Evaluation Components & 50% will be of Term End Examination.											
STANDARD OF PASSING	Maximum Grade Point (GP) is 10 corresponding to O (Outstanding). For all courses, a student is required to pass both Continuous Evaluation Components and Term End Examination separately with a minimum Grade Point of 4 corresponding to Grade PASS. Students securing less than 40% absolute marks in each head of passing will be declared FAIL.											
AWARD OF DEGREE/ DIPLOMA/ CERTIFICATE	Post Graduate Diploma in Management will be awarded at the end of semester VI examination by taking into consideration the performance of all semester examinations after obtaining minimum CGPA of 4 out of maximum of 10 CGPA.											

PROGRAM SUMMARY

TRIMESTER	TOTAL CREDITS	CEC	TERM END	TOTAL MARKS
TRIMESTER - I	26	450	400	850
TRIMESTER - II	26	450	400	850
TRIMESTER - III	26	450	400	850
TRIMESTER - IV	26	450	400	850
TRIMESTER - V	23	350	350	700
TRIMESTER - VI	9	150	150	300
SUMMARY	136	2300	2100	4400



Course Details

TRIMESTER 1 -CORE COURSES					
COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
1PGDMDSA01	Managerial Accounting -I	3	50	50	100
1PGDMDSA02	Managerial Economic-I	3	50	50	100
1PGDMDSA03	Perspective management	3	50	50	100
1PGDMDSA04	Statistics for Decision making I	3	50	50	100
1PGDMDSA05	Research Methodology	3	50	50	100
1PGDMDSA06	Effective Business Communication	3	50	50	100
1PGDMDSA07	Corporate Finance	3	50	50	100
1PGDMDSA08	Data Warehousing	3	50	50	100
1PGDMDSA09	Data Analysis with Excel Tools	2	50	**	50
	Total credits	26		Total Marks	850

TRIMESTER 2 -CORE COURSES					
COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
2PGDMDSA01	Statistics for Decision Making - II	3	50	50	100
2PGDMDSA02	Marketing Principles and Applications	3	50	50	100
2PGDMDSA03	Human Resource Management	3	50	50	100
2PGDMDSA04	Data Driven Decision Making	3	50	50	100
2PGDMDSA05	Simulation through MATLAB	3	50	50	100
2PGDMDSA06	Fundamentals of R	3	50	50	100
2PGDMDSA07	Data Mining	3	50	50	100
2PGDMDSA08	RDBMS	3	50	50	100
2PGDMDSA09	Personal Competence and capability Building -I	2	50	**	50
	Total Credits	26		Total Marks	850



TRIMESTER 3 -CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
3PGDMDSA01	Operation Research	3	50	50	100
3PGDMDSA02	Strategic Management	3	50	50	100
3PGDMDSA03	Data Science using R	4	50	50	100
3PGDMDSA04	Data Visual Techniques	3	50	50	100
3PGDMDSA05	Mongo DB	3	50	50	100
3PGDMDSA06	Machine learning using Python	4	50	50	100
3PGDMDSA07	Minor course Project	3	50	50	100
3PGDMDSA08	Neural Network & Deep Learning	2	50	50	100
3PGDMDSA09	Personal Competence and capability Building -II	1	50	**	50
	Total Credits	26		Total Marks	850

TRIMESTER 4 -CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
4PGDMDSA01	Corporate Interface through Summer Internship	6	100	100	200
4PGDMDSA02	Domain Exposure Projects	6	100	100	200
4PGDMDSA03	Entrepreneurship	3	50	50	100
4PGDMDSA04	Block Chain Technology	3	50	50	100
4PGDMDSA05	NO SQL for Data Science	3	50	50	100
4PGDMDSA06	Design Thinking	3	50	50	100
4PGDMDSA07	Domain Study	2	50	**	50
	Total Credits	26		Total Marks	850



TRIMESTER 5 - CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
5PGDMDSA01	Cloud Computing	3	50	50	100
5PGDMDSA02	A I for Business	4	50	50	100
5PGDMDSA03	Big Data Technology	4	50	50	100
5PGDMDSA04	Business Ethics and Corporate Governance	3	50	50	100
5PGDMDSA05	Data Visualisation Techniques using Tableau	3	50	50	100
5PGDMDSA06	IOT	2	50	50	100
5PGDMDSA07	Personal Competence and capability Building -III	2	50	50	100
5PGDMDSA08	HACKATHON	2	**	**	***
	Total Credits	23		Total Marks	700

TRIMESTER 6 - CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
6PGDMDSA01	Capstone Project	6	100	100	200
6PGDMDSA02	Flexi Credit Course	3	50	50	100
	Total Credits	9		Total Marks	300

