



**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY,**  
**SURAT - 395 007 (GUJARAT) INDIA • www.svnit.ac.in**  
**सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत-३९५००७ (गुजरात) भारत**  
**CONSOLIDATED GRADE REPORT (TRANSCRIPT)**

Name : SURYAM VIVEK GUPTA  
 Admission No. : I19MA038

Discipline : Five Years Integrated M.Sc. (Mathematics)

Code	Course Name	Credits	Grade Obtained	Code	Course Name	Credits	Grade Obtained
<b>FIRST SEMESTER (2019-2020)</b>				<b>SECOND SEMESTER (2019-2020)</b>			
<b>Theory :</b>				<b>Theory :</b>			
MA 101S1 T	Mathematics-I	4.0	BB	PH103S2 T	Mechanics, Lasers and Fiber Optics	3.0	AB
MAMA102S1 T	Foundation Course in Mathematics-I	4.0	CC	CY104S2 T	Applied Chemistry	3.0	AB
AM108S1 T	Engineering Mechanics	3.0	DD	CEME105S2 T	Engineering Drawing	2.0	BB
CS109S1 T	Fund. of Computer & Programming	3.0	BC	MAMA113S2 T	Foundation Course in Mathematics-II	4.0	BC
HU110S1 T	English & Professional Communication	3.0	BB	MA114S2 T	Mathematics-II	4.0	AB
PH112S1 T	Physics of Materials and Nuclei	4.0	BC	CEME106S2 T	Energy and Environmental Engg.	3.0	BB
<b>Practical :</b>				<b>Practical :</b>			
AM108S1 P	Engineering Mechanics	1.0	AB	PH103S2 P	Mechanics, Lasers and Fiber Optics	1.0	AA
CS109S1 P	Fund. of Computer & Programming	1.0	BB	CY104S2 P	Applied Chemistry	1.0	AA
ME111S1 P	Workshop Practice	2.0	BC	CEME105S2 P	Engineering Drawing	2.0	AA
				CEME106S2 P	Energy and Environmental Engg.	1.0	AA
<b>S.G.P.A. : 6.88 C.G.P.A. : 6.88 Earned Credit : 25</b>				<b>S.G.P.A. : 8.67 C.G.P.A. : 7.76 Earned Credit : 49</b>			
<b>THIRD SEMESTER (2020-2021)</b>				<b>FOURTH SEMESTER (2020-2021)</b>			
<b>Theory :</b>				<b>Theory :</b>			
HU201 T	English & Professional Communication-II	3.0	AB	HU202 T	Communication Skills for Employability	3.0	AA
MA201 T	Elements of Analysis	5.0	AB	MA202 T	Numerical Analysis	4.0	BB
MA203 T	Analytical Geometry	5.0	AB	MA204 T	Linear Algebra	5.0	AB
MA205 T	Discrete Mathematical Structure	4.0	AB	MA206 T	Elementary Number Theory	4.0	AB
PH207 T	Electromagnetics and Relativity	4.0	AB	MA208 T	Computational Life Science	3.0	AB
<b>Practical :</b>				<b>Practical :</b>			
MA207 P	Mathematical Software Lab	2.0	BB	MA202 P	Numerical Analysis	1.0	AB
				CS210 P	Data Structures	1.0	AB
<b>S.G.P.A. : 8.91 C.G.P.A. : 8.13 Earned Credit : 72</b>				<b>S.G.P.A. : 8.80 C.G.P.A. : 8.30 Earned Credit : 97</b>			
<b>FIFTH SEMESTER (2021-2022)</b>				<b>SIXTH SEMESTER (2021-2022)</b>			
<b>Theory :</b>				<b>Theory :</b>			
MA301 T	Probability & Statistics-I	5.0	BB	MA302 T	Complex Analysis	5.0	BB
MA303 T	Mechanics	4.0	AB	MA304 T	Continuum Mechanics	4.0	AB
MA305 T	Ordinary Differential Equations	5.0	AA	MA306 T	Metric Spaces	4.0	BB
CS303 T	Computer Networks	4.0	AB	CS308 T	Artificial Intelligence	3.0	CD
EC363 T	Neural Networks (EIS-I)	3.0	BB	ME366 T	Product Design & Development (EIS-II)	3.0	CC
<b>Practical :</b>				<b>Practical :</b>			
CS303 P	Computer Networks	1.0	AB	CS308 P	Artificial Intelligence	1.0	CC
				MA308 P	Mini Project	2.0	AA
<b>S.G.P.A. : 8.86 C.G.P.A. : 8.40 Earned Credit : 119</b>				<b>S.G.P.A. : 7.59 C.G.P.A. : 8.28 Earned Credit : 141</b>			
<b>SEVENTH SEMESTER (2022-2023)</b>				<b>EIGHTH SEMESTER (2022-2023)</b>			
<b>Theory :</b>				<b>Theory :</b>			
MA401 T	Topology	4.0	BB	MA402 T	Functional Analysis	4.0	AB
MA403 T	Abstract Algebra	4.0	BC	MA404 T	Higher Transcendental Functions	4.0	BC
MA405 T	Fluid Dynamics	5.0	BB	MA406 T	Partial Differential Equations	5.0	BB
MA407 T	Optimization Techniques	5.0	AB	MA408 T	Calculus of Variations & Integral Equations	5.0	CC
CS491 T	Data Science (CE-I)	3.0	BB	CS492 T	Natural Language Processing (CE-II)	3.0	BB
<b>S.G.P.A. : 8.05 C.G.P.A. : 8.25 Earned Credit : 162</b>				<b>S.G.P.A. : 7.52 C.G.P.A. : 8.16 Earned Credit : 183</b>			
<b>NINTH SEMESTER (2023-2024)</b>				<b>TENTH SEMESTER (2023-2024)</b>			
<b>Theory :</b>				<b>Theory :</b>			
MA501 T	Measure Theory & Integration	4.0	BB				
MA503 T	Probability & Statistics-II	4.0	BB				
MA505 T	Mathematical Modelling & Simulation	4.0	AB				
HU501 T	Academic Writing	3.0	BB				
MA523 T	Fluid Dynamics in Porous Media (CE-III)	4.0	BB				
<b>Practical :</b>				<b>Practical :</b>			
MA505 P	Mathematical Modelling & Simulation	1.0	AA	MA502 P	Dissertation	12.0	AB
MA507 P	Dissertation Preliminaries	4.0	AA				
<b>S.G.P.A. : 8.58 C.G.P.A. : 8.21 Earned Credit : 207</b>				<b>S.G.P.A. : 9.00 C.G.P.A. : 8.26 Earned Credit : 219</b>			

NOTE : 1. Semester Grade Point Average (S.G.P.A.) and Cumulative Grade Point Average (C.G.P.A.) are on a 10 point Scale.  
 2. The medium of instruction and examination is English at this Institution.



*Alp Patel*  
 I/c. DEPUTY REGISTRAR (ACAD)

DATE : 01 / 08 / 2024