



**RAMAKRISHNA MISSION**  
**VIVEKANANDA CENTENARY COLLEGE**  
**RAHARA, KOLKATA-700118**

(An Autonomous College Affiliated to West Bengal State University)



## MARKSHEET

**B.Sc. Sixth Semester Examination, June 2025**

Name : **Suman Maity**

Subject: **Mathematics Honours**

Roll No : **2025161125**

Registration No : **A01-1152-113-007-2022 of 2022 - 2023**

Subject Code	Paper Name		CR	Full Marks	Marks Obtained	Subject Total	Grade	GP	CRP	
MTMA CC - XIII	Metric Spaces and Complex Analysis	Theory	4	65	30	60	B+	7	42	
		Tutorial	2	35	30					
MTMA CC - XIV	Ring Theory and Linear Algebra-II	Theory	4	65	31	62	B+	7	42	
		Tutorial	2	35	31					
MTMA DSE-IV	Bio-Mathematics	Theory	4	65	44	75	A	8	48	
		Tutorial	2	35	31					
MTMA DSE-V	Point Set Topology	Theory	4	65	23	45	C	5	30	
		Tutorial	2	35	22					
CR Total			24	CRP Total						162
SGPA			6.75							
Remarks			QS							

Subject Code	Paper Name	Subject Total	Subject Code	Paper Name	Subject Total
MTMA CC-I	Calculus, Geometry & Differential Equation	76	MTMA CC-III	Real Analysis	74
MTMA CC-II	Algebra	68	MTMA CC-IV	Differential Equations and Vector Calculus	81
PHSG GE-I	Mechanics	80	PHSG GE-II	Digital, Analog Circuits and Instrumentation	65
ENG C AECC-I	English Communication	39	ENV AEECC-II	Environmental Science	44
<b>Semester - I</b>		<b>SGPA - 8.00</b>	<b>Semester - II</b>		<b>SGPA - 8.10</b>
Subject Code	Paper Name	Subject Total	Subject Code	Paper Name	Subject Total
MTMA CC-V	Theory of Real Functions & Introduction to Metric Spaces	58	MTMA CC - VIII	Riemann Integration and Series of Functions	55
MTMA CC-VI	Group Theory I	66	MTMA CC - IX	Multivariate Calculus	81
MTMA CC-VII	Numerical Methods	81	MTMA CC - X	Ring Theory and Linear Algebra I	59
CMSG GE - III	Computer Fundamentals	88	CMSG GE-IV	Introduction to Programming	45
SEC-I	Skill Enhancement Course-I	39	SEC - II	Skill Enhancement Course - II	50
<b>Semester - III</b>		<b>SGPA - 7.77</b>	<b>Semester - IV</b>		<b>SGPA - 6.77</b>
Subject Code	Paper Name	Subject Total			
MTMA CC - XI	Partial Differential Equations and Applications	93	Semester	Total Marks	Marks Obtained
MTMA CC - XII	Group Theory II	56	I	350	263
MTMA DSE - I	Linear Programming	92	II	350	264
MTMA DSE-III	Probability and Statistics	91	III	450	332
<b>Semester - V</b>		<b>SGPA - 9.00</b>	IV	450	290
			V	400	332
			VI	400	242
			Overall	2400	1723

Core Course Total Marks - 1400	CGPA - 7.70
Core Course Marks Obtained - 970	Overall Percentage - 71.79

*Sw Kamla*  
Principal



*Swami Vedanuragananda*  
Controller of Examinations

Date : 21st July, 2025

Place : Rahara, Kolkata

**Ramakrishna Mission**  
**Vivekananda Centenary College, Rahara, Kolkata**

**Core Subject**

Grade	Marks Equivalents	Grade Points	Attributes
O	90% and above	10	Outstanding
A+	80% to 89.99%	9	Excellent
A	70% to 79.99%	8	Very Good
B+	60% to 69.99%	7	Good
B	50% to 59.99%	6	Above Average
C	40% to 49.99%	5	Average
P	35% to 39.99%	4	Pass
F	Below 35%	0	Fail
AB		0	Absent

**Non Core subject**

Grade	Marks Equivalents	Grade Points	Attributes
O	90% and above	10	Outstanding
A+	80% to 89.99%	9	Excellent
A	70% to 79.99%	8	Very Good
B+	60% to 69.99%	7	Good
B	50% to 59.99%	6	Above Average
C	40% to 49.99%	5	Average
P	30% to 39.99%	4	Pass
F	Below 30%	0	Fail
AB		0	Absent

CRP (Credit Point) = GP (Grade Point) × CR (Credit) SGPA = CRP Total / CR Total QS - Qualified for the Semester GPW (Grade Point Withheld) - Backlog in one paper X - Backlog in more than one paper GPWX - Backlog in more than one Semester QS-GPW - Qualified for the Semester with Backlog in any previous Semester/ s	<b><u>Pass Marks</u></b>	CC - Core Course
	For Core Subjects Minimum 35% in Theory & Practical/ Tutorial respectively.	GE - Generic Elective
	For Non-Core Subjects Minimum 30% in Theory & Practical/ Tutorial respectively.	AECC - Ability Enhancement Compulsory Course
		SEC - Skill Enhancement Course
		DSE - Discipline Specific Elective

$$\text{SGPA} (S_i) = \sum (C_i \times G_i) / \sum C_i$$

Where  $C_i$  is the number of credits of the  $i^{\text{th}}$  course and  $G_i$  is the grade point scored by the student in the  $i^{\text{th}}$  course.

$$\text{CGPA} = \sum (C_i \times S_i) / \sum C_i$$

Where  $S_i$  is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in  $i^{\text{th}}$  semester.