



भारतीय प्रौद्योगिकी संस्थान रोपड़  
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

सत्रार्थ ग्रेड रिपोर्ट  
SEMESTER GRADE REPORT

NAME SUMAN GHOSH  
ENTRY NO 2019MAS1020  
PROGRAMME M.Sc. MATHEMATICS

I SEMESTER 2019-2020

पाठ्यक्रम सं.	पाठ्यक्रम शीर्षक	क्रेडिट	ग्रेड
COURSE NO	COURSE TITLE	CREDITS	GRADE
MA411	TOPICS IN REAL ANALYSIS	3	B-
MA412	BASIC LINEAR ALGEBRA	3	A-
MA413	INTRODUCTION TO COMPUTING	4	A
MA414	ORDINARY DIFFERENTIAL EQUATIONS	3	A-
MA415	ALGEBRA	3	A-

EARNED CREDITS (EC) = 16.00

SEMESTER GRADE POINT AVERAGE (SGPA) = 8.88

CUMULATIVE EARNED CREDITS (CEC) = 16.00

CUMULATIVE GRADE POINT AVERAGE (CGPA) = 8.88

Printed on: 21-Jan-2020

DEPUTY REGISTRAR(ACADEMICS)



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II SEMESTER 2019-2020

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MA421	TOPICS IN COMPLEX ANALYSIS	3	B
MA422	PARTIAL DIFFERENTIAL EQUATION	3	A-
MA423	STOCHASTIC PROCESSES	3	A
MA424	NUMERICAL ANALYSIS	4	A
MA425	TOPOLOGY	3	A
MA500	SEMINAR	2	A

EARNED CREDITS (EC) = 18.00  
SEMESTER GRADE POINT AVERAGE (SGPA) = 9.50

CUMULATIVE EARNED CREDITS (CEC) = 34.00  
CUMULATIVE GRADE POINT AVERAGE (CGPA) = 9.21

Printed on: 19-Aug-2020

DEPUTY REGISTRAR(ACADEMICS)



धियो यो नः प्रचोदयात्



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SEMESTER GRADE REPORT

NAME SUMAN GHOSH  
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PROGRAMME M.Sc. MATHEMATICS

I SEMESTER 2020-2021

पाठ्यक्रम सं. COURSE NO	पाठ्यक्रम शीर्षक COURSE TITLE	क्रेडिट CREDITS	ग्रेड GRADE
MA511	FUNCTIONAL ANALYSIS	3	A-
MA512	MATHEMATICAL METHODS	3	A-
MA513	OPTIMIZATION TECHNIQUES	3	B-
MA530	PROJECT-I	3	A-
MA620	DISCRETE MATHEMATICS	3	B
MA627	THEORY OF COMPUTATION	3	A-

EARNED CREDITS (EC) = 18.00  
SEMESTER GRADE POINT AVERAGE (SGPA) = 8.50  
CUMULATIVE EARNED CREDITS (CEC) = 52.00  
CUMULATIVE GRADE POINT AVERAGE (CGPA) = 8.96

DATE: 21-JAN-2021

JOINT REGISTRAR(ACADEMICS)



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सत्रार्थ ग्रेड रिपोर्ट  
SEMESTER GRADE REPORT

NAME SUMAN GHOSH  
ENTRY NO 2019MAS1020  
PROGRAMME M.Sc. MATHEMATICS

II SEMESTER 2020-2021

पाठ्यक्रम सं.		पाठ्यक्रम शीर्षक	क्रेडिट	ग्रेड
COURSE NO		COURSE TITLE	CREDITS	GRADE
MA540	PROJECT-II		9	A-
MA616	ELEMENTS OF DATA SCIENCE		4	B-
MA617	GRAPH THEORY		3	B
MA624	BASICS IN CODING THOERY AND CRYPTOGRAPHY		3	A

EARNED CREDITS (EC) = 19.00  
SEMESTER GRADE POINT AVERAGE (SGPA) = 8.58

CUMULATIVE EARNED CREDITS (CEC) = 71.00  
CUMULATIVE GRADE POINT AVERAGE (CGPA) = 8.86

DATE: 15-JULY-2021

Joint Registrar (Academics)



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INDIAN INSTITUTE OF TECHNOLOGY ROPAR  
रूपनगर, पंजाब – 140001/Rupnagar, Punjab-140001  
दूरभाष/ Tele: 01881-231110, 231111, 231112  
Email: office-academics-1@iitrpr.ac.in

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## PROVISIONAL CERTIFICATE

This is to certify that **Mr. SUMAN GHOSH** (Entry No. **2019MAS1020**) was a student of two year Degree Programme leading to **Master of Science (M.Sc.) Mathematics** in this Institute from the Academic Year **2019 - 2020** to **2020 – 2021**.

He has fulfilled all the prescribed academic requirements for this Degree. His Cummulative Grade Point Average is **8.86** on a 10.00 point scale.

The degree will be awarded in the convocation of the Institute.

RUPNAGAR, 15<sup>th</sup> July 2021.



(JOINT REGISTRAR, ACADEMICS)