

DR. MURLI MANOHAR GOUR

(+91) 9782424103 ◊ vishnumurligour@gmail.com

EDUCATION

Manipal University Jaipur, Jaipur, Rajasthan Doctor of Philosophy: Geometric Function Theory	Year: April 2021 Awarded
Department of Mathematics, UOR, Jaipur, Rajasthan M.A/M.Sc.: Mathematics	Year: 2013 Percentage: 73.50
Maharaja College Jaipur, UOR, Jaipur, Rajasthan B.Sc.: Mathematics	Year: 2011 Percentage: 67.7
Board of Secondary Education Rajasthan, Ajmer, Rajasthan Senior Secondary School	Year: 2008 Percentage: 70.77
Board of Secondary Education Rajasthan, Ajmer, Rajasthan Secondary School	Year: 2006 Percentage: 71.17

RESEARCH EXPERIENCE: 7 YEARS

Title of Work / Thesis: A Study on Geometric Function Theory and Its Applications
Under the Supervision of Prof.(Dr.) Sunil Joshi, Professor, Manipal University Jaipur, Jaipur.

TEACHING EXPERIENCE: 9 YEARS

- Worked as an **Assistant Professor of Mathematics** July 2021 - May 2022.
Stani Memorial P.G. College, Jaipur, (Affiliated to University of Rajasthan, Jaipur) in the Department of Mathematics.
- Worked as an **Assistant Professor of Mathematics** July 2013 - June 2019.
Agarwal P.G. College, Jaipur, (Affiliated to University of Rajasthan, Jaipur) in the Department of Mathematics.

RESEARCH PAPERS PUBLISHED/ ACCEPTED (3 SCIE, 8 SCOPUS, 1 ESCI)

- **M.M. Gour**, L.K. Yadav, G. Agarwal, A. Akgül, Md Yushalify Misro, and S.D. Purohit, A hybrid approach for non-linear fractional Newell-Whitehead-Segel model, **Ain Shams Engineering Journal**, 2024. (SCIE and Scopus indexed).
- **M.M. Gour**, L.K. Yadav, S.D. Purohit and D.L. Suthar, Homotopy Decomposition Method to Analysis Fractional Hepatitis B Virus Infection Model, **Applied Mathematics in Science and Engineering**, 31(1), 2023. (SCIE and Scopus indexed).
- L.K. Yadav, G. Agarwal, **M.M. Gour** and M. Kumari, Analytical Approach to Study Weakly Nonlocal Fractional Schrodinger Equation Via Novel Transform, **International Journal of Dynamics and Control**, (2023), DOI: <https://doi.org/10.1007/s40435-023-01246-x> .(Scopus indexed).
- **M.M. Gour**, P. Goswami, B.A. Frasin and S. Althobaiti, Majirization for certain classes of an analytic functions defined by Fournier-Ruscheweyh integral operator, **Journal of Mathematics**, 2022, (2022), Article ID: 6580700. (SCIE and Scopus indexed).
- S.D. Purohit, **M.M. Gour**, S. Joshi and D.L. Suthar, Some classes of analytic functions bounds with Kober operators in q -calculus, **Journal of Mathematics**, 2021, (2021), Article ID: 3161275. (SCIE and Scopus indexed).

- **M.M. Gour**, P. Goswami, S. Joshi and T. Bulboaca, Sufficient condition for q -starlike and q -convex functions associated with normalized Gauss hypergeometric function, **FILOMAT**, 36(12), (2022), 4011-4024. (Scopus Indexed).
- **M.M. Gour**, S.Joshi and S.D. Purohit, Certain Coefficient Inequalities for the Classes of q -Starlike and q -Convex Functions, **South East Asian Journal of Mathematics and Mathematical Sciences**, 18(3), (2022), 43-54. (Scopus indexed).
- S.D. Purohit, **M.M. Gour** and S. Joshi, On some classes of analytic functions connected with Kober integral operator in fractional q -calculus, **Mathematics in Engineering, Science and Aerospace MESA**, 12(3), (2021), 759-769. (Scopus indexed).
- **M.M. Gour**, S. Joshi, P. Goswami and S.D. Purohit, New classes of bi-univalent functions, **Journal of Interdisciplinary Mathematics (JIM)**, 23(2), (2020), 583-590. (Scopus indexed).
- **M.M. Gour**, P. Goswami and S. Joshi, Sufficient condition for q -starlike and q -convex functions associated with generalized confluent hypergeometric functions, **Advances in the Theory of Nonlinear Analysis and its Application (ATNAA)**, 4(4), (2020), 421-431. (Scopus indexed).
- **M.M. Gour**, G.S. Sharma and P. Lata, Certain Classes of Analytic Functions Associated with Saigo's q -Integral Operator, **Turkish Journal of Computer and Mathematics Education**, 13(3), (2022), 962-969. (Scopus indexed).
- **M.M. Gour**, S.Joshi and S.D. Purohit, Sufficient conditions of q -starlikeness and q -convexity associated with Basic Hypergeometric function, **Conference Proceeding of Springer Book Series**, (2022). (Scopus indexed).
- **M.M. Gour**, P. Goswami, S.P. Goyal and L.K. Yadav, Majorization Property for Certain Classes of Analytic Functions, Accepted in **Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics**. (ESCI Indexed Journal).

PUBLISHED BOOKS AS AN AUTHOR

- A Text Book "Discrete Mathematics" Published by Ramesh Book Depot (R.B.S.) Publication, Jaipur.
- Solved papers Namely Saurabh Solved papers of B.Sc. Mathematics of MGSU, Bikaner Published by Agarwal Sahitya Sadan (Pvt.) Limited, jaipur.

PAPER PRESENTED IN INTERNATIONAL CONFERENCES

- International Conference on "Sustainable Computing in Science, Technology and Management (SUSCOM-2020)" organized by Department of Mathematics, Amity University Jaipur, Rajasthan (India) during January 20-22, 2020.
Paper: New classes of bi-univalent functions.
- International Conference on "Mathematical Analysis and Applications (MAA-2020)" organized by Department of Mathematics, National Institute of Technology Jamshedpur, Jharkhand (India) during November 2-4, 2020.
Paper: Some classes of analytic functions bound with Kober operators in q -calculus.
- "International Conference on Science and Computing (ICSC 2021)" organized by Vivekananda Institute of Technology, Jaipur, Rajasthan (India) during January 23-24, 2021.
Paper: Sufficient condition for q -starlike and q -convex functions associated with generalized confluent hypergeometric functions.
- "International Conference on Physical Sciences (ICPS-2021)" organized by S.V. National Institute of Technology Surat, Gujrat (India) during February 5-6, 2021.
Paper: Sufficient conditions for basic hypergeometric function.

- "International Conference on Real World Domains and Interfaces in Mathematics: Challenges Tools & Strategies" Organized by Department of Mathematics, UOR, Jaipur, during December 17-18, 2022.

Paper: Sufficient condition for q -starlike and q -convex functions associated with generalized Bessel Functions.

ATTENDED F.D.P/SEMINARS/WORKSHOPS

- Presented A Paper on "Mathematical Properties of Financial Networks and their Resilience to Shocks, Addressing Issues Discussed in the G20" at National G20 SUMMIT 2023 Organised by Department of EAFM, S.S. Jain Subodh P.G. College, Jaipur, on September 23, 2023.
- Attended National Workshop on "Scientific Computational Techniques (SCT)" organized by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University Jaipur, Rajasthan (India) during July 20-22, 2017.
- Attended International Course on "Orthogonal Polynomials: from one to several variables (ICOP-2019)" organized by Anand International College of Engineering Jaipur, Rajasthan (India), during March 5-7, 2019.

TECHNICAL STRENGTHS

Software Tools	MS Office, MathType
Documentation Tools	MikTex, LaTeX

PERSONAL DETAILS

Name :	Dr. Murli Manohar Gour
Father's Name :	Mr. Sarveshwar Gour
Mother's Name :	Mrs. Santosh Devi
Languages :	Hindi and English
Nationality :	Indian
Marital Status :	Married
Date of Birth :	27-06-1991
Address :	68-B, Jadon Nagar-B, Mahaveer Nagar, Jaipur, Rajasthan 302018, India.

DECLARATION

I hereby declare that the above information furnished by me is true and correct to the best of my knowledge.

Place:

Signature

Date:

(Dr. Murli Manohar Gour)



माध्यमिक शिक्षा बोर्ड, राजस्थान
Board of Secondary Education, Rajasthan
माध्यमिक परीक्षा, 2006
Secondary School Examination - 2006
अंक-तालिका / Mark Sheet

क्रमांक
Serial No. 0484515
परीचय संख्या
Enrol. No. 6/488663

नामांक	केन्द्र	जिला	विद्यालय/अपे. अधि.	जन्म दिनांक	स्वयंपाठी/नियमित	परीक्षा श्रेणी	संदर्भ संख्या
0488756	19061	19	19301	27/06/91	REGULAR	1	469748

परीक्षार्थी का नाम
MURLI MANOHAR GOUR
पिता का नाम
SARVESHVAR GOUR
माता का नाम
SANTOSH DEVI

विषय एवं पूर्णांक/न्यूनतम उत्तीर्णांक	हिन्दी 100/33		अंग्रेजी 100/33		विज्ञान 100/33						
	I	सत्रांक	योग	I	सत्रांक	योग					
प्राप्तांक	65	10	75D	65	10	75D	22	23	10	55	
विषय एवं पूर्णांक/न्यूनतम उत्तीर्णांक	सामाजिक विज्ञान 100/33			गणित 100/33			तृतीय भाषा 100/33				
प्राप्तांक	I	II	सत्रांक	योग	I	II	सत्रांक	योग	I	सत्रांक	योग
	23	30	10	63	41	33	10	84D	SANSKRIT 65 10 75D		
कुल पूर्णांक	600	कुल प्राप्तांक	427	71.17%	परिणाम FIRST DIVISION						

विषय एवं पूर्णांक	कम्प्यूटर साक्षरता	स्वास्थ्य एवं शारीरिक शिक्षा	समाजोपयोगी उत्पादक कार्य एवं समाज सेवा	कला शिक्षा
प्राप्तांक एवं ग्रेडिंग	100	100	A	A

अजमेर
Ajmer

दिनांक
Date

05TH JUNE, 2006

(विशेष विवरण हेतु - कृ. पृ. उ.)

Smalgya

(आर. बी. गुप्ता)
निदेशक (परीक्षा)



माध्यमिक शिक्षा बोर्ड, राजस्थान
Board of Secondary Education, Rajasthan
उच्च माध्यमिक परीक्षा, 2008
Senior Secondary Examination, 2008
अंक-सालिका / Mark Sheet

क्रमांक
Serial No. -

108314

पंजीयन संख्या
Enrol. No.

B/112159

नामांक	केन्द्र	जिला	विद्यालय/अग्र. अधि.	स्वयंपाठी/नियमित	परीक्षा श्रेणी	संदर्भ संख्या
1167807	19061	19	19301	REGULAR	1	109360

परीक्षार्थी का नाम
MURLI MANDHAR GOUR
वित्त का नाम
SARVESHVAR GOUR
माता का नाम
SANTOSH DEVI

अनिवार्य/ऐच्छिक विषय	पूर्णांक		न्यूनतम उत्तीर्णांक		प्राप्तांक			योग
	सैदा.	सत्रांक	सैदा.	सत्रांक	सैदान्तिक	सत्रांक	योग	
HINDI (COMP.)	90	10	33	33	36	10	66	066
ENGLISH (COMP.)	90	10	33	33	35	10	65	065
PHYSICS	90	10	50	17	39	24	73	48
CHEMISTRY	90	10	50	17	22	30	62	45
MATHEMATICS	135	15	50	50	38	48	101	101

कुल प्राप्तांक 460 कुल पूर्णांक 650 परिणाम 70.77
FIRST DIVISION

अतिरिक्त विषय	पूर्णांक	प्राप्तांक	परिणाम	श्रेणी
COMP. SC. (AC) ENVR. EDU. SOC. SER. PLAN.	100	100	079	A

अध्यापक
Ajmer
दिनांक
Date
23-05-08
(विशेष विवरण हेतु - क. प. उ.)
निदेशक (परीक्षा)

Zamir

(आर. वी. गुप्ता)
निदेशक (परीक्षा)



UNIVERSITY OF RAJASTHAN

S. No.

4590

Copy of marks obtained at the

B.Sc. PART III EXAM. 2011

Roll No. 139343

E. No. 08/057759

Name

MURLI MANOHAR GOUR

Category REGULAR

Medium

HINDI

Father's Name

SARVESHWAR GOUR

Mother's Name

SANTOSH DEVI

College/Deptt./Centre

MAHARAJA'S COLLEGE, JAIPUR

Subject(s) Offered	Max. Marks	Min. Marks	Marks Obtained				REMARKS	Yearwise Total Marks Obtained
			I	II	III	IV TOTAL		
PART - III OPTIONAL SUBJ.								
3170A PHYSICS-T	100	36	15	20	17	52	PART-I 307	
3170B1 PHYSICS-PRAC	50	18				42		
3171A CHEMISTRY -T	100	36	18	18	18	54		
3171B1 CHEM-PRAC	50	18				44	PART-II 292	
3175_4A MATHEMATICS-T	132	48	44	38	26	166		
3175_4B MATHEMATICS-P	18	6				15	PART-III 315	
Total marks obtained excluding compulsory and back log paper/subject(s) marks.							315	GRAND TOTAL
							914/1350	RESULT/DIV.
								FIRST

G-Passed by Grace

A-Absent

(For Notes, Please see on reverse)

JAIPUR

Result declared on

29/05/2011

Controller of Examinations

P. P. Roy



S. NO. : 31

UNIVERSITY OF RAJASTHANCopy of Marks obtained at the **M.A./M.SC.(MATHEMATICS) - IV SEMESTER(MAY) EXAM-2013**
FINAL GRADE SHEET

Roll No. : 345131 Enrollment No. : 8/57759
 Name of Candidate : MURLI MANOHAR GOUR Category : REGULAR
 Father's Name : SARVESHWAR GOUR Medium : ENGLISH
 Mother's Name : SANTOSH DEVI
 College/Deptt./Centre : UNIVERSITY DEPTT. OF MATHEMATICS, JAIPUR

SUBJECT	TYPE	SUBJECT NAME	CREDIT	CA MARKS	CA GRADE	ES MARKS	ES GRADE	EXAM
MAT-101	CCC	ALGEBRA-I	6	77	O	86	O	DEC 2011
MAT-102	CCC	REAL ANALYSIS	6	59	B	72	A	DEC 2011
MAT-103	CCC	DIFFERENTIAL EQUATIONS-I	6	79	A	93	O	DEC 2011
MAT-104	CCC	DIFFERENTIAL GEOMETRY	6	82	O	73	B	DEC 2011
MAT-105	CCC	DYNAMICS OF RIGID BODIES	6	59	B	50	B	DEC 2011
MAT-106	CCC	CALCULUS OF VARIATION & SPE. FUNCTION-I	6	82	A	63	B	DEC 2011
MAT-201	CCC	ALGEBRA-II	6	81	O	93	O	MAY 2012
MAT-202	CCC	TOPOLOGY	6	81	A	85	O	MAY 2012
MAT-203	CCC	DIFFERENTIAL EQUATIONS-II	6	70	B	94	A	MAY 2012
MAT-204	CCC	RIEMANNIAN GEOMETRY AND TENSOR ANALYSIS	6	76	A	78	A	MAY 2012
MAT-205	CCC	HYDRODYNAMICS	6	71	C	76	O	MAY 2012
MAT-206	CCC	SPECIAL FUNCTIONS-II	6	83	A	84	A	MAY 2012
MAT-301	CCC	FUNCTIONAL ANALYSIS-I	6	80	O	80	O	DEC 2012
MAT-302	CCC	VISCOUS FLUID DYNAMICS-I	6	80	A	68	A	DEC 2012
MAT-B01	ECC	BOUNDARY LAYER THEORY	6	80	A	73	A	DEC 2012
MAT-C01	ECC	MATHEMATICAL PROGRAMMING	6	73	A	86	O	DEC 2012
MAT-E01	ECC	INTEGRAL TRANSFORMS & INTE. EQUATIONS	6	86	A	91	A	DEC 2012
MAT-I01	ECC	NUMERICAL ANALYSIS-1	6	93	O	81	A	DEC 2012
MAT-401	CCC	FUNCTIONAL ANALYSIS-II	6	93	O	72	A	MAY 2013
MAT-402	CCC	VISCOUS FLUID DYNAMICS-II	6	78	B	72	A	MAY 2013
MAT-B02	ECC	BOUNDARY LAYER THEORY-II	6	95	O	58	B	MAY 2013
MAT-C02	ECC	MATHEMATICAL PROGRAMMING-II	6	88	O	80	A	MAY 2013
MAT-E02	ECC	INTEGRAL EQUATIONS	6	86	A	87	A	MAY 2013
MAT-I02	ECC	NUMERICAL ANALYSIS-II	6	72	B	60	A	MAY 2013
TOTAL CREDIT EARNED		BEST CREDIT COUNTED FOR CGPA	FINAL CGPA	FINAL CGPA GRADE	CGPA GRADE DEFINITION	PERCENTAGE EQUIVALENT		
144		120	5.35	A	VERY GOOD	73.50 %		

JAIPUR

Dated : 26/10/2013 Issue Date : 27/11/2013

Controller of Examinations



MANIPAL UNIVERSITY JAIPUR

Established under Act No. 21 of 2011, State of Rajasthan; Recognised u/s 2(f) of UGC Act, 1956

Faculty of Science

This is to certify that

MURLI MANOHAR GOUR

has been conferred the degree of

Doctor of Philosophy (Ph.D.)

in recognition of his research work entitled

A Study of Geometric Function Theory and Its Applications

having fulfilled the prescribed requirements in the month of October 2021.



President

Given Under the Seal of Manipal University Jaipur, Rajasthan-India | On This Date: November 20, 2021

Chairperson



Reg No: 170704603
Sl. No: MUJ109968



भारत सरकार

GOVERNMENT OF INDIA



मुरली मनोहर गौड़

Murli Manohar Gour

जन्म तिथि/ DOB: 27/06/1991

पुरुष / MALE

7406 7743 2166



मेरा आधार, मेरी पहचान



भारतीय विशिष्ट पहचान प्राधिकरण
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पत्ता:

S/O: सर्वेश्वर गौड़, नई कॉलोनी,
पारबत्सर, पारबत्सर, नागौर,
राजस्थान - 341512

Address

S/O: Sarveshwar Gour,
New Colony, Parbatsar,
Parbatsar, Nagaur,
Rajasthan - 341512



1947

1800 300 1947



help@uidai.gov.in

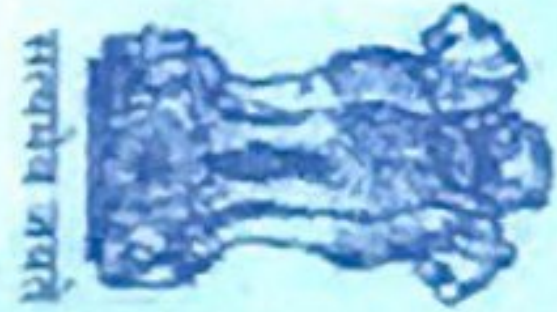
WWW

www.uidai.gov.in

P.O. Box No. 1947,
Bengaluru-560 001

आयकर विभागा

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

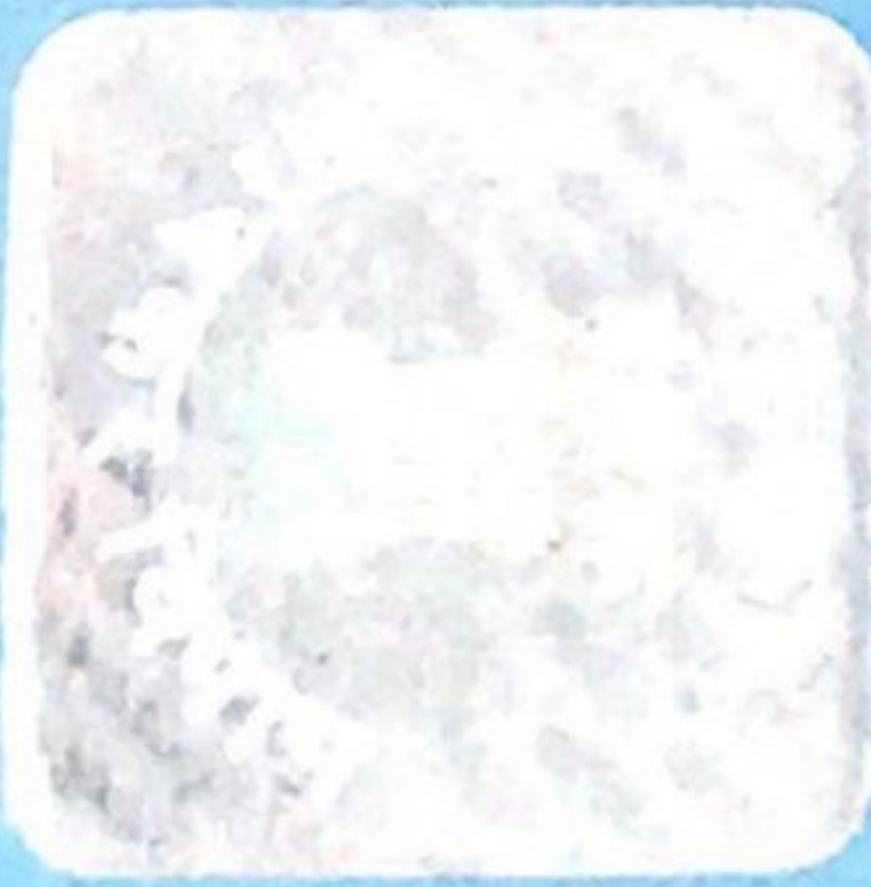
MURLI MANOHAR GOUR

SARVESHWAR GOUR

27/06/1991

Permanent Account Number

BNFPG8139K



29032014

Signature



AGRAWAL P.G. COLLEGE

Governed by Shri Agrawal Shiksha Samiti, Jaipur (A Society Since, 1918)

A Co-educational Institution

(Accredited B⁺⁺ by NAAC, 2005)

Affiliated by UNIVERSITY OF RAJASTHAN, JAIPUR.

Agrasen Katla, Maharaja Agrasen Marg,
Near Sanganeri Gate, Agra Road,
JAIPUR - 302003 (Rajasthan)

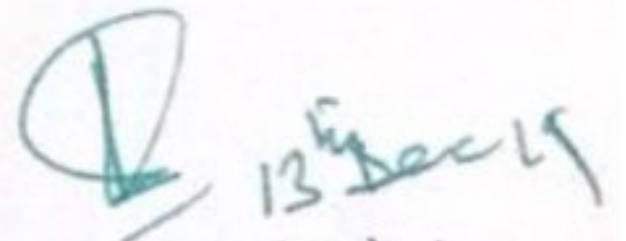
Website : www.agarwalpgcollege.com
E-mail : principal.agrawalpgcollege@gmail.com
Phone : 0141-2614541

दिनांक :- 13.12.2019

अनुभव प्रमाण पत्र

प्रमाणित किया जाता है श्री मुरली मनोहर गौड़ पुत्र श्री सर्वेश्वर गोड़ व्याख्याता के रूप में गणित विभाग में निम्नलिखित सत्रों से स्नातक कक्षाओं में अध्यापन कार्य कर रहे हैं।

2013-2014 में 16.07.2013 से 30.04.2014
2014-2015 में 01.07.2014 से 30.06.2015
2015-2016 में 01.07.2015 से 30.06.2016
2016-2017 में 01.07.2016 से 30.06.2017
2017-2018 में 01.07.2017 से 30.06.2018
2018-2019 में 01.07.2018 से 29.06.2019


(प्रो आर.एस.खंगारोत)
प्राचार्य