

Vishal Bhardwaj

CONTACT INFORMATION	280 Lockett Hall Department of Mathematics Louisiana State University Baton Rouge, LA 70803, USA	vbhard3@lsu.edu
EDUCATION	Louisiana State University Ph.D. Mathematics <ul style="list-style-type: none">• Mentor: Prof. Gene Kopp National Institute of Technology Manipur M.S. Mathematics and Computing, May 2022 <ul style="list-style-type: none">• Thesis: Prime divisors in an arithmetic progression and explicit abc-conjecture• Advisor: Shanta Laishram (Indian Statistical Institute, New Delhi) GD Goenka University B.S. Mathematics, May 2019 <ul style="list-style-type: none">• Thesis: A study of hypergeometric functions• Advisor: Smita Sood	
RESEARCH INTEREST	Analytic number theory, Elliptic curves	
PUBLICATIONS	Seasonal Variation with respect to Water Quality Index of Ghaggar River (with Smita Sood, Prerna Sharma, and Varsha Sharma), November 2018. [pdf]	
CONFERENCES ATTENDED	<i>Southern Regional Number Theory Conference</i> (Online) at the LSU, March 2023 <i>Bayou Arithmetic Research Days</i> (Online) at the LSU, November 2022 <i>Formal Power Series & Algebraic Combinatorics</i> (FPSAC) at the IISc Bangalore, July 2022 <i>L-functions, Circle-Method and Applications</i> (Online) at the ICTS-TIFR, June 2022	
TEACHING EXPERIENCE	Louisiana State University Fall 2023 Teaching Assistant, Elementary Differential Equations and Linear Algebra Fall 2023 Teaching Assistant, Analytic Geometry and Calculus II Plaksha University Summer 2023 Teaching Fellow, Programming and Data Structures Spring 2023 Teaching Fellow, Programming and Data Structures Fall 2022 Teaching Fellow, Computational Thinking	

HONORS AND AWARDS	2020	All India Rank of 861 out of 13,186 candidates in the Indian Institute of Technology Joint Admission test for Masters	
	2019	Recipient of the Best Co-curricular Activities award by the School of Basic and Applied Sciences at GD Goenka University	
	2016-2019	Secured the first rank consistently at GD Goenka University	
	2016-2019	Dean's list for academic excellence at GD Goenka University	
	2016-2019	Granted a fully funded merit scholarship at GD Goenka University	
GRANTS AWARDED	July 2022	Travel grant for FPSAC at the Indian Institute of Science, Bengaluru	INR 10248
RESEARCH EXPERIENCE	Summer 2018	Research Intern, Indian Institute of Technology Guwahati	Natesan Srinivasan
OUTREACH	2023	<i>Teaching Assistant & Management Team Member</i> , Young Technology Scholars	Plaksha University
	2022-2023	<i>Core Team Member</i> , Admissions and Outreach	Plaksha University
	2022	<i>Management Team Member</i> , Young Creators League	Plaksha University
LEADERSHIP	2020-2022	Member of the departmental postgraduate committee	NIT Manipur
	2020-2022	President of the Mathematics Society	NIT Manipur
	2021-2022	Placement Coordinator of the Department of Mathematics	NIT Manipur
TECHNICAL SKILLS		C/C++, Data Structures and Algorithms, MATLAB, L ^A T _E X	