

Vishal Bhardwaj — Curriculum Vitae

CONTACT INFORMATION	303 Lockett Hall Department of Mathematics Louisiana State University Baton Rouge, LA 70803, USA	vbhard3@lsu.edu
EDUCATION	Louisiana State University Ph.D. Mathematics, advised by Prof. Gene Kopp National Institute of Technology Manipur M.S. Mathematics and Computing, May 2019 Thesis: <i>Prime divisors in an arithmetic progression and abc-conjecture</i> Advisor: Prof. Shanta Laishram GD Goenka University B.S. Mathematics, May 2016 Thesis: <i>A study of hypergeometric functions</i> Advisor: Prof. 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	Summer 2023 Spring 2023 Fall 2022	Instructor, Programming and Data Structures, Plaksha University Teaching Fellow, Programming and Data Structures, Plaksha University Teaching Fellow, Computational Thinking, Plaksha University
HONORS AND AWARDS	2020 2019 2016-2019 2016-2019 2016-2019	All India Rank of 861 out of 13,186 candidates in the Indian Institute of Technology Joint Admission test for Masters Recipient of the Best Co-curricular Activities award by the School of Basic and Applied Sciences at GD Goenka University Secured the first rank consistently at GD Goenka University Dean's list for academic excellence at GD Goenka University Granted a fully funded merit scholarship at GD Goenka University
GRANTS AWARDED	July 2022	Travel grant for FPSAC at the Indian Institute of Science, Bangalore (INR 10248)
UNDERGRADUATE RESEARCH EXPERIENCE	Summer 2018 Topic Supervisor	Research Intern, Indian Institute of Technology Guwahati, India Numerical Analysis for Ordinary Differential Equations Professor Natesan Srinivasan

OUTREACH	2023	Young Technology Scholars team member, Plaksha University
	2022-2023	Admissions and Outreach core team member, Plaksha University
	2022	Young Creators League team member, Plaksha University
LEADERSHIP	2020-2022	Member of the departmental postgraduate committee at the NIT Manipur
	2020-2022	President of the Mathematics Society at the NIT Manipur
	2021-2022	Placement Coordinator of Department of Mathematics at the NIT Manipur
TECHNICAL SKILLS		C/C++, Data Structures and Algorithms, MATLAB, L ^A T _E X