

Badri Vishal Pandey

CONTACT INFORMATION	Dept. of Mathematics University of Virginia Charlottesville, VA 22904	(669) 226-7426 badrivishal9451@gmail.com bp3aq@virginia.edu
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RESEARCH INTERESTS	Analytic and Algebraic Number Theory
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EDUCATION	<p>University of Virginia, Charlottesville, VA</p> <p>PhD July, 2019-Present.</p> <ul style="list-style-type: none"><i>Mathematics</i> <p>Thesis advisor: Ono, Ken</p> <p>Thomas Jefferson Professor of Mathematics and Chair, Department of Mathematics, University of Virginia.</p> <p>Indian Statistical Institute, Bangalore, India</p> <p>M.Math July, 2017-2019.</p> <ul style="list-style-type: none"><i>Mathematics</i> <p>Indian Statistical Institute, Bangalore, India</p> <p>B.Math(Hons.) July, 2014-2017.</p> <ul style="list-style-type: none">Major: <i>Mathematics</i>
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PAPERS AND PUBLICATIONS	<ul style="list-style-type: none">Modular forms and Ellipsoidal T-designs, The Ramanujan Journal, (recommended for publication)Inversion Formulas for the j-function Around Elliptic Points (Co-author: De Las Penas Castano A), in preparation
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TALKS	<ul style="list-style-type: none">Ellipsoidal T-design 18th Nagoya combinatorial seminar December 17, 2020Lightning Rounds by graduate students, UVA Undergraduate Math Club March 03, 2020
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TEACHING EXPERIENCE	• <i>Instructor for Math 1220, A survey of calculus 2,</i>	Fall 2021
	• <i>Instructor for Math 1220, A survey of calculus 2,</i>	Spring 2021
	• <i>Instructor for Math 1210, A survey of calculus 1,</i>	Fall 2020
	• <i>Teaching Assistant for Math 3250, Ordinary Differential Equations,</i>	Spring 2020
	• <i>Grader for Math 3310, Basic Real Analysis,</i>	Spring 2020
	• <i>Teaching Assistant for Math 2310, Calculus III,</i>	Fall 2019
	• <i>Grader for Math 4651, Advanced Linear Algebra,</i>	Fall 2019
CONFERENCES AND WORKSHOPS	• <i>Advanced Instructional School on Topology,</i> National Board of Higher Mathematics	May 2018
	• <i>Algebraic Geometry,</i> Indian Statistical Institute	Dec 2017
ACHIEVEMENTS AND SCHOLARSHIPS	<i>Among top 100</i>	2019
	TIFR Graduate School Admissions Written Exam	
	<i>Rank 46</i>	2018
	CSIR UGC National Eligibility Test	
	<i>Academic fellowship for excellent performance</i> BMath Third year	2017
	<i>Academic fellowship for being second rank holder</i> BMath First year	2014
EXTRACURRICULAR ACTIVITIES	<i>Ranked 21 out of 150,000 candidates</i>	2014
	Uttar Pradesh State Engineering Entrance Exam	
	• <i>ISI intra-college Cricket tournament winner,</i> Indian Statistical Institute, Bangalore center	2018
	• <i>ISI intra-college Soccer tournament winner,</i> Indian Statistical Institute, Bangalore center	2015 & 2017
	• <i>Sports Committee Member,</i> Indian Statistical Institute, Bangalore center	2015
TECHNICAL SKILLS	• <i>Mentor of first year undergrad,</i> Indian Statistical Institute, Bangalore center	2015
	Sage(elementary), Python(elementary), Octave, LaTeX typesetting(Intermediate) C, C++, html	