

CONTACT INFORMATION	Mathematics Department University of California, Santa Cruz	Email: bdeewang@ucsc.edu Website: bdeewang.com
EDUCATION	University of California, Santa Cruz <i>Ph.D. in Mathematics</i> Advisor: <i>Junecue Suh</i> <i>M.A. in Mathematics</i>	California, USA September 2019 – present August 2020
	Higher School of Economics <i>M.Sc. in Mathematics</i> Advisor: <i>Vadim Vologodsky</i>	Moscow, Russia June 2019
	Shiv Nadar University <i>B.Sc. (Research) in Mathematics</i> Specialisation in Applied Algebra	Uttar Pradesh, India May 2016
EXTERNAL TALKS	A Non-Archimedean Volume of Hilbert Scheme of Points <i>The Mathematics Society Seminar, Shiv Nadar University</i>	August 2019
INTERNAL TALKS	Demystifying the p-adics <i>Graduate Student Colloquium, University of California, Santa Cruz</i>	November 2020
	A First Introduction to Motivic Integration <i>Geometric Structures on Manifolds Seminar, Higher School of Economics</i>	June 2019
	p-adic Integration and Betti Numbers of Calabi-Yau Varieties <i>Geometric Structures on Manifolds Seminar, Higher School of Economics</i>	December 2018
	Mordell's Theorem <i>Graduate Student Seminar, Higher School of Economics</i>	May 2018
TEACHING	MATH 110 – Introduction to Number Theory <i>Instructor of Record</i>	UC Santa Cruz Summer 2021
	MATH 111T – Algebra <i>Teaching Assistant; Fellowship under SEMILLA Teach</i>	UC Santa Cruz Spring 2021
	MATH 100 – Introduction to Proof and Problem Solving <i>Teaching Assistant; Fellowship under SEMILLA Teach</i>	UC Santa Cruz Winter 2021
	MATH 105A – Real Analysis <i>Instructor of Record</i>	UC Santa Cruz Fall 2020
	MATH 3 – Precalculus <i>Instructor of Record</i> <i>Teaching Assistant</i>	UC Santa Cruz Summer 2020 Fall 2019, Spring 2020
	MATH 181 – History of Mathematics <i>Reader</i> <i>Teaching Assistant</i>	UC Santa Cruz Summer 2020 Winter 2020

MAT260 – Linear Algebra <i>Teaching Assistant</i> <i>Tutor, Learning & Academic Support Centre</i>	<i>Shiv Nadar University</i> Fall 2015 Spring 2015
MAT284 – Probability and Statistics <i>Tutor, Learning & Academic Support Centre</i>	<i>Shiv Nadar University</i> Spring 2015
MAT101 – Calculus I <i>Tutor, Learning & Academic Support Centre</i>	<i>Shiv Nadar University</i> Fall 2014

SUMMER PROGRAMMES	<i>Sparsity of Algebraic Points, Summer Graduate School</i> <i>MSRI, Berkeley, California, USA (Remote)</i>	June 2021
	<i>Connecticut Summer School in Number Theory (CTNT)</i> <i>University of Connecticut, Connecticut, USA (Remote)</i>	June 2020
	<i>Summer Programme in Mathematics (SPIM)</i> <i>Harish-Chandra Research Institute (HRI), Allahabad, India</i>	June 2015
	<i>Mathematics Training and Talent Search (MTTS), Level O</i> <i>Regional Institute of Education, Mysore, India</i>	May – June 2014

RECENT WORKSHOPS & CONFERENCES	<i>Spring School towards a mod p Langlands correspondence</i> <i>University of Duisburg-Essen, Germany (Remote)</i>	April 2021
	<i>Unlikely intersections, Diophantine geometry, and related fields</i> <i>University of Reading, UK (Remote)</i>	April 2021
	<i>Madison Moduli Weekend</i> <i>University of Wisconsin-Madison, USA (Remote)</i>	September 2020
	<i>Chicago Number Theory Day 2020</i> <i>University of Illinois, Chicago, USA (Remote)</i>	June 2020
	<i>CTNT Conference</i> <i>University of Connecticut, USA</i>	June 2020
	<i>International Conference on Number Theory</i> <i>IISER, Thiruvananthapuram, India</i>	March 2019

SERVICE & ORGANIZING	<i>Summer GSI Peer Support Team</i> <i>Member</i>	<i>CITL, UC Santa Cruz</i> Spring & Summer 2021
	<i>Directed Reading Program</i> <i>Co-organiser, with Nathan Marianovsky</i>	<i>UC Santa Cruz</i> March 2021 – present
	<i>Graduate Student Colloquium, Mathematics Department</i> <i>Co-organiser, with David Rubinstein</i>	<i>UC Santa Cruz</i> December 2020 – present
	<i>Association for Women in Mathematics Chapter</i> <i>Member, Webmaster</i>	<i>UC Santa Cruz</i> November 2020 – present
	<i>Mathematics Department Diversity & Inclusion Committee</i> <i>Member</i>	<i>UC Santa Cruz</i> October 2020 – present

OUTREACH	<i>Directed Reading Program</i> <i>Mentor</i>	<i>UC Santa Cruz</i> Winter 2020
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Duke Talent Identification Program (Duke TIP)
Residential Counselor

Shiv Nadar University
May 2015

**CERTIFICATE
PROGRAMMES**

Graduate Certificate in Course Design & Delivery
*Center for Innovations in Teaching and Learning (CITL),
University of California, Santa Cruz*

Spring 2021, 2020

Integrated Course Design for Remote Instruction
Online Education (OE), University of California, Santa Cruz

Spring 2020

Graduate Certificate in Teaching for Equity
*Center for Innovations in Teaching and Learning (CITL),
University of California, Santa Cruz*

Spring 2020

MEMBERSHIPS

Association for Women in Mathematics

February 2021 – *present*

American Mathematical Society

October 2019 – *present*

LANGUAGES

English, Hindi, Telugu
