

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

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

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

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<b>RECENT WORKSHOPS &amp; CONFERENCES</b>	<b><i>Rational Points and Galois Representations</i></b> <i>University of Pittsburgh (Remote)</i>	May 2021
	<b><i>paraDIGMS Spring Conference</i></b> <i>(Remote)</i>	April 2021
	<b><i>Unlikely intersections, Diophantine geometry, and related fields</i></b> <i>University of Reading, UK (Remote)</i>	April 2021
	<b><i>Madison Moduli Weekend</i></b> <i>University of Wisconsin-Madison, USA (Remote)</i>	September 2020
	<b><i>Chicago Number Theory Day 2020</i></b> <i>University of Illinois, Chicago, USA (Remote)</i>	June 2020
	<b><i>CTNT Conference</i></b> <i>University of Connecticut, USA (Remote)</i>	June 2020
	<b><i>International Conference on Number Theory</i></b> <i>IISER, Thiruvananthapuram, India</i>	March 2019

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

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<b>OUTREACH</b>	<b><i>Directed Reading Program</i></b>	<i>UC Santa Cruz</i>
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*Mentor*

Winter 2020

**Duke Talent Identification Program (Duke TIP)**  
*Residential Counselor*

*Shiv Nadar University*  
May 2015

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**CERTIFICATE  
PROGRAMMES**

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

Spring 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

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**MEMBERSHIPS**

**Association for Women in Mathematics**

February 2021 – *present*

**American Mathematical Society**

October 2019 – *present*

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**LANGUAGES**

*English, Hindi, Telugu*

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