

<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>Teaching Assistant</i>	UC Santa Cruz Winter 2020
	<b>MAT260 – Linear Algebra</b> <i>Teaching Assistant</i>	Shiv Nadar University Fall 2015

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

**SUMMER  
(& OTHER  
SEASONS)  
PROGRAMMES**

<b>Graduate Summer School at PCMI</b>	July 2021
<i>Motivic Homotopy Theory (Week 1)</i>	
<i>IAS/PCMI, Park City, Utah, USA (Remote)</i>	
<b><i>Sparsity of Algebraic Points, MSRI Summer Graduate School</i></b>	June 2021
<i>MSRI, Berkeley, California, USA (Remote)</i>	
<b>Connecticut Summer School in Number Theory (CTNT)</b>	June 2020
<i>University of Connecticut, Connecticut, USA (Remote)</i>	
<b>Summer Programme in Mathematics (SPIM)</b>	June 2015
<i>Harish-Chandra Research Institute (HRI), Allahabad, India</i>	
<b>Mathematics Training and Talent Search (MTTS), Level O</b>	May – June 2014
<i>Regional Institute of Education, Mysore, India</i>	

**RECENT  
WORKSHOPS &  
CONFERENCES**

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

**SERVICE &  
ORGANIZING**

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

OUTREACH	<b>Directed Reading Program</b> <i>Mentor</i>	UC Santa Cruz Winter 2020
	<b>Duke Talent Identification Program (Duke TIP)</b> <i>Residential Counselor</i>	Shiv Nadar University May 2015
PROFESSIONAL DEVELOPMENT	<b>Preparing for Inclusive Teaching Workshop</b> <i>CITL, HSI Initiatives, Mathematics Department</i> <i>University of California, Santa Cruz</i>	September 2020, 2019
	<b>Graduate Certificate in Course Design &amp; Delivery</b> <i>Center for Innovations in Teaching and Learning (CITL),</i> <i>University of California, Santa Cruz</i>	Spring 2020
	<b>Integrated Course Design for Remote Instruction</b> <i>Online Education (OE), University of California, Santa Cruz</i>	Spring 2020
	<b>Graduate Certificate in Teaching for Equity</b> <i>Center for Innovations in Teaching and Learning (CITL),</i> <i>University of California, Santa Cruz</i>	Spring 2020
AWARDS & SCHOLARSHIPS	<b>State Funded Scholarship, Higher School of Economics</b>	2017 – 2019
	<b>Full Merit Scholarship, Shiv Nadar University</b>	2012 – 2016
MEMBERSHIPS	<b>Association for Women in Mathematics</b>	February 2021 – <i>present</i>
	<b>American Mathematical Society</b>	October 2019 – <i>present</i>
LANGUAGES	<i>English, Hindi, Telugu</i>	