

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
	Derivative of a Number <i>The Mathematics Society Seminar, Shiv Nadar University</i>	September 2015
TEACHING	MATH 110 – Introduction to Number Theory <i>Instructor of Record</i>	UC Santa Cruz Fall 2021, 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 Spring 2020, Fall 2019
	MATH 181 – History of Mathematics <i>Teaching Assistant</i>	UC Santa Cruz 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,
WORKSHOPS &
CONFERENCES**

Hodge Theory and p-adic Hodge Theory (CIMPA Research School) <i>CIMAT, Guanajuato, Mexico (Remote)</i>	August 2021
Graduate Summer School at PCMI <i>Number Theory Informed by Computation (Week 3)</i> <i>Motivic Homotopy Theory (Week 1)</i> <i>IAS/PCMI, Park City, Utah, USA (Remote)</i>	July 2021
Rethinking Number Theory <i>Project Title TBD</i>	July 2021
RTG (Number Theory and Arithmetic Geometry) Research Workshop <i>University of California, Berkeley, USA (Remote)</i>	June 2021
Sparsity of Algebraic Points, MSRI Summer Graduate School <i>MSRI, Berkeley, California, USA (Remote)</i>	June 2021
Rational Points and Galois Representations <i>University of Pittsburgh, USA (Remote)</i>	May 2021
Unlikely intersections, Diophantine geometry, and related fields <i>University of Reading, UK (Remote)</i>	April 2021
Madison Moduli Weekend <i>University of Wisconsin-Madison, USA (Remote)</i>	September 2020
Chicago Number Theory Day 2020 <i>University of Illinois, Chicago, USA (Remote)</i>	June 2020
CTNT Conference <i>University of Connecticut, USA (Remote)</i>	June 2020
Connecticut Summer School in Number Theory (CTNT) <i>University of Connecticut, Connecticut, USA (Remote)</i>	June 2020
International Conference on Number Theory <i>IISER, Thiruvananthapuram, India</i>	March 2019
Summer Programme in Mathematics (SPIM) <i>Harish-Chandra Research Institute (HRI), Allahabad, India</i>	June 2015
Mathematics Training and Talent Search (MTTS), Level O <i>Regional Institute of Education, Mysore, India</i>	May – June 2014

**SERVICE &
ORGANIZING**

Graduate Student Researcher <i>Redesigning Calculus in the Life Sciences; Fellowship under the GANAS grant</i>	<i>CITL, UC Santa Cruz</i> Summer 2021
Summer GSI Peer Support Team <i>Member</i>	<i>CITL, UC Santa Cruz</i> Spring – Summer 2021
Directed Reading Program <i>Co-organiser, with Nathan Marianovsky</i>	<i>UC Santa Cruz</i> March 2021 – present

Graduate Student Colloquium, Mathematics Department
Co-organiser, with David Rubinstein

UC Santa Cruz
December 2020 – *present*

Association for Women in Mathematics Chapter
Member, Webmaster

UC Santa Cruz
November 2020 – *present*

Mathematics Department Diversity & Inclusion Committee
Member

UC Santa Cruz
October 2020 – *present*

OUTREACH

Directed Reading Program
Mentor, Introduction to Elliptic Curves by Anna Yoon

UC Santa Cruz
Winter 2020

Duke Talent Identification Program (Duke TIP)
Residential Counselor

Shiv Nadar University
May 2015

**PROFESSIONAL
DEVELOPMENT**

Preparing for Inclusive Teaching Workshop
CITL, HSI Initiatives, Mathematics Department
University of California, Santa Cruz

September 2020, 2019

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

**AWARDS &
SCHOLARSHIPS**

State Funded Scholarship, Higher School of Economics

2017 – 2019

Full Merit Scholarship, Shiv Nadar University

2012 – 2016

MEMBERSHIPS

Association for Women in Mathematics

February 2021 – *present*

American Mathematical Society

October 2019 – *present*

LANGUAGES

English, Hindi, Telugu
