Deewang Bhamidipati

CONTACT INFORMATION	Mathematics Department University of California, Santa Cruz	Email: bdeewang@ucsc.edu Website: bdeewang.com

EDUCATION

University of California, Santa Cruz — *California, USA*
Ph.D. in Mathematics — September 2019 – *present*
Advisor: *Junecue Suh*

M.A. in Mathematics — August 2020

Higher School of Economics — *Moscow, Russia*
M.Sc. in Mathematics — June 2019
Advisor: *Vadim Vologodsky*

Shiv Nadar University — *Uttar Pradesh, India*
B.Sc. (Research) in Mathematics — May 2016
Specialisation in Applied Algebra

INTERNAL TALKS

* ONLINE

Fundamental Groups: Topological, Étale, Tannakian* — October 2021
Graduate Student Colloquium, University of California, Santa Cruz

Demystifying the p-adics* — November 2020
Graduate Student Colloquium, University of California, Santa Cruz

A First Introduction to Motivic Integration — June 2019
Geometric Structures on Manifolds Seminar, Higher School of Economics

p-adic Integration and Betti Numbers of Calabi-Yau Varieties — December 2018
Geometric Structures on Manifolds Seminar, Higher School of Economics

Mordell's Theorem — May 2018
Graduate Student Seminar, Higher School of Economics

Derivative of a Number — September 2015
The Mathematics Society Seminar, Shiv Nadar University

EXTERNAL TALKS

* ONLINE

What is... a scheme?* — October 2021
What is... a seminar?

A Non-Archimedean Volume of Hilbert Scheme of Points — August 2019
The Mathematics Society Seminar, Shiv Nadar University

SUMMER PROGRAMMES, WORKSHOPS & CONFERENCES

* ONLINE

Hodge Theory and p-adic Hodge Theory (CIMPA Research School)* — August 2021
CIMAT, Guanajuato, Mexico

Rational Curves and Moduli Spaces in Arithmetic Geometry* — August 2021
PRIMA 2021 Summer School

Graduate Summer School at PCMI* — July 2021
Number Theory Informed by Computation (Week 3)
Motivic Homotopy Theory (Week 1)
IAS/PCMI, Park City, Utah, USA

Rethinking Number Theory* July 2021
Topic: *Invariants of p-torsion in characteristic p*
Leader: *Soumya Sankar*

RTG (Number Theory and Arithmetic Geometry) Research Workshop* June 2021
University of California, Berkeley, USA

Sparsity of Algebraic Points, **MSRI Summer Graduate School*** June 2021
MSRI, Berkeley, California, USA

Rational Points and Galois Representations* May 2021
University of Pittsburgh, USA

Unlikely intersections, Diophantine geometry, and related fields* April 2021
University of Reading, UK

Madison Moduli Weekend* September 2020
University of Wisconsin-Madison, USA

Chicago Number Theory Day 2020* June 2020
University of Illinois, Chicago, USA

CTNT Conference* June 2020
University of Connecticut, USA

Connecticut Summer School in Number Theory (CTNT)* June 2020
University of Connecticut, Connecticut, USA

Summer Programme in Mathematics (SPIM) June 2015
Harish-Chandra Research Institute (HRI), Allahabad, India

Mathematics Training and Talent Search (MTTS), Level O May – June 2014
Regional Institute of Education, Mysore, India

MATH 11B – Calculus with Applications *UC Santa Cruz*
Instructor of Record Summer 2022*

MATH 100 – Introduction to Proof and Problem Solving *UC Santa Cruz*
Instructor of Record Summer 2022*
Teaching Assistant (Fellowship under SEMILLA Teach) Winter 2021*

MATH 11A – Calculus with Applications *UC Santa Cruz*
Teaching Assistant Winter 2022

MATH 110 – Introduction to Number Theory *UC Santa Cruz*
Instructor of Record Fall 2021, Summer 2021*

MATH 111T – Algebra *UC Santa Cruz*
Teaching Assistant (Fellowship under SEMILLA Teach) Spring 2021*

MATH 105A – Real Analysis *UC Santa Cruz*
Instructor of Record Fall 2020*

MATH 3 – Precalculus *UC Santa Cruz*
Instructor of Record Summer 2020*
Teaching Assistant Spring 2020, Fall 2019

MATH 181 – History of Mathematics *UC Santa Cruz*
Teaching Assistant Winter 2020

MAT260 – Linear Algebra *Shiv Nadar University*
Teaching Assistant Fall 2015
Tutor, Learning & Academic Support Centre Spring 2015

MAT284 – Probability and Statistics
Tutor, Learning & Academic Support Centre

Shiv Nadar University
Spring 2015

MAT101 – Calculus I
Tutor, Learning & Academic Support Centre

Shiv Nadar University
Fall 2014

SERVICE & ORGANIZING

Mathematics Department Peer Mentorship Program
Co-organiser, with David Rubinstein, Jennifer Guerrero, Ryan Pugh

UC Santa Cruz
August 2021 – *present*

Directed Reading Program
Co-organiser, with Nathan Marianovsky

UC Santa Cruz
August 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, Organizing Committee; Webmaster

UC Santa Cruz
November 2020 – *present*

Mathematics Department Diversity & Inclusion Committee
Member

UC Santa Cruz
October 2020 – *present*

Graduate Student Researcher
Redesigning Calculus in the Life Sciences
Fellowship under the GANAS-Career Pathways grant

CITL, UC Santa Cruz
Summer 2021

CITL Summer Peer Support Fellowship
Member, Peer Support Team

CITL, UC Santa Cruz
Spring – Summer 2021

OUTREACH

Directed Reading Program
Mentor, Yijia Sun
LINEAR ERROR CORRECTION CODES

UC Santa Cruz

Fall 2021

Mentor, Anna Yoon
INTRODUCTION TO ELLIPTIC CURVES & ELLIPTIC CURVE CRYPTOGRAPHY

Winter 2020

Twoples
Mentor, Lalit Mohan Sharma (University of Delhi)
INTRODUCTION TO ALGEBRAIC GEOMETRY I. VARIETIES

Fall 2021

Panelist, The Roles and Contributions of TAs
Graduate Preparation Program 2021

UC Santa Cruz
August 2021

Panelist, Graduate Student Perspectives: A Year in Review
Lunch in the Time of COVID

May 2021

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

UC Santa Cruz
September 2020, 2019

Graduate Certificate in Course Design & Delivery
Center for Innovations in Teaching and Learning (CITL)

UC Santa Cruz
Spring 2020

Integrated Course Design for Remote Instruction
Online Education (OE)

UC Santa Cruz
Spring 2020

Graduate Certificate in Teaching for Equity
Center for Innovations in Teaching and Learning (CITL)

UC 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, Japanese (Beginner)* |