Deewang Bhamidipati

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

* REMOTE

Cohomology on Sites* — January 2022
Graduate Student Colloquium, University of California, Santa Cruz

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

* REMOTE

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

PROGRAMMES, WORKSHOPS & CONFERENCES
(selected)

* REMOTE

Automorphic Forms Beyond GL$_2$**, Arizona Winter School** — March 2022
University of Arizona, Tuscon, USA

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

CTNT Conference* June 2020
University of Connecticut, USA

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

TEACHING

* REMOTE

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Instructor of Record	**MATH 11B – Calculus with Applications**	Summer 2022*
	MATH 100 – Introduction to Proof and Problem Solving	Summer 2022*
	MATH 103A – Complex Analysis	Spring 2022
	MATH 110 – Introduction to Number Theory	Fall 2021
	MATH 110 – Introduction to Number Theory	Summer 2021*
	MATH 105A – Real Analysis	Fall 2020*
	MATH 3 – Precalculus	Summer 2020*
Teaching Assistant	**MATH 11A – Calculus with Applications**	Winter 2022
	MATH 111T – Algebra	Spring 2021*
	(Fellowship under SEMILLA Teach)	
	MATH 100 – Introduction to Proof and Problem Solving	Winter 2021*
	(Fellowship under SEMILLA Teach)	
	MATH 3 – Precalculus	Spring 2020*
	MATH 181 – History of Mathematics	Winter 2020
	MATH 3 – Precalculus	Fall 2019

SHIV NADAR UNIVERSITY

Teaching Assistant	**MAT260 – Linear Algebra**	Fall 2015
Tutor	**MAT260 – Linear Algebra**	Spring 2015
Learning & Academic	**MAT284 – Probability and Statistics**	Spring 2015
Support Centre	**MAT101 – Calculus I**	Fall 2014

SERVICE &
ORGANIZING

Reading Groups and Learning Seminars *UC Santa Cruz*

Category Theory Learning Seminar
Co-organiser, with Vaibhav Sutrave, David Rubinstein Winter – Spring 2022

Étale Cohomology
Co-organiser, with Shane Kennerly, Malachi Alexander — Fall 2021

A Course in Arithmetic by J.-P.Serre
Organiser — Summer 2020, Winter 2020

Mathematics Department Peer Mentorship Program — *UC Santa Cruz*
Co-organiser, with David Rubinstein, Jennifer Guerrero, Ryan Pugh — August 2021 – *present*

Directed Reading Program — *UC Santa Cruz*
Co-organiser, with Nathan Marianovsky — August 2021 – *present*

Graduate Student Colloquium, Mathematics Department — *UC Santa Cruz*
Co-organiser, with David Rubinstein — December 2020 – *present*

Association for Women in Mathematics Chapter — *UC Santa Cruz*
Member, Organizing Committee — November 2020 – *present*

Mathematics Department Diversity & Inclusion Committee — *UC Santa Cruz*
Member — October 2020 – *present*

Graduate Student Researcher — *CITL, UC Santa Cruz*
Redesigning Calculus in the Life Sciences — Summer 2021
Fellowship under the GANAS-Career Pathways grant

CITL Summer Peer Support Fellowship — *CITL, UC Santa Cruz*
Member, Peer Support Team — Spring – Summer 2021

OUTREACH

Directed Reading Program — *UC Santa Cruz*
Mentor, Miles Mitchell
TBD — Spring 2022
Mentor, Morea Lee
GALOIS THEORY OVER **Q** — Winter 2022
Mentor, Yijia Sun
LINEAR ERROR CORRECTION CODES — Fall 2021
Mentor, Anna Yoon
INTRODUCTION TO ELLIPTIC CURVES & ELLIPTIC CURVE CRYPTOGRAPHY — Winter 2020

Twoples
Mentor, Bowen Li (Carleton College)
JOURNEY THROUGH CATEGORY THEORY — January – April 2022
Mentor, Lalit Mohan Sharma (University of Delhi)
NUMBER THEORY OF NUMBER FIELDS — January – April 2022
INTRODUCTION TO ALGEBRAIC GEOMETRY: VARIETIES — August – December 2021

Panelist, The Roles and Contributions of TAs — *UC Santa Cruz*
Graduate Preparation Program 2021 — August 2021

Panelist, Graduate Student Perspectives: A Year in Review
Lunch in the Time of COVID — May 2021

Duke Talent Identification Program (Duke TIP) — *Shiv Nadar University*
Residential Counselor — May 2015

PROFESSIONAL DEVELOPMENT

Preparing for Inclusive Teaching Workshop — *UC Santa Cruz*
CITL, HSI Initiatives, Mathematics Department — September 2020, 2019

Graduate Certificate in Course Design & Delivery — *UC Santa Cruz*
Center for Innovations in Teaching and Learning (CITL) — 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 (Hindustani), Telugu, Japanese (Beginner)