Curriculum Vitae

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+1-778-251-9577

RESEARCH INTERESTS p-adic Modular Forms, Arithmetic Geometry

Education

DOCTOR OF PHILOSOPHY   In Progress
Mathematics
under Professors Adrian Iovita and Giovanni Rosso
Concordia University, Montreal, Canada

MASTER OF SCIENCE   2021-2023
Mathematics
under Professor Vinayak Vatsal
University of British Columbia, Vancouver, Canada
Course Average (out of 100):   94.5

BACHELOR OF SCIENCE (HONOURS)   2017-2020
Mathematics and Computer Science
Chennai Mathematical Institute, Kelambakkam, India
CGPA (out of 10):   9.68

Projects and Seminars

AUTOMORPHIC REPRESENTATIONS   Fall '22
Online Graduate Student Seminar
University of California, San Diego

ABELIAN VARIETIES   Summer '22
Online Graduate Student Seminar
University of California, San Diego

ELLIPTIC CURVES AND EICHLER-SHIMURA THEORY   July '19 - August '19
under **Dr. Ritabrata Munshi**
Indian Statistical Institute
Indian Academy of Sciences' Summer Research Fellowship Programme

CLASS FIELD THEORY   May '19 - June '19
under **Dr. Sinnou David**
Chennai Mathematical Institute

ANALYTIC NUMBER THEORY AND MODULAR FORMS   Summer '18
under **Dr. Soumya Das**
Indian Institute of Science

Conferences and Workshops

SPRING SCHOOL ON NON-ARCHIMEDEAN GEOMETRY AND EIGENVARIETIES   March '23
University of Heidelberg

INTRODUCTORY WORKSHOP: ALGEBRAIC CYCLES, L-VALUES, AND EULER SYSTEMS   January '23
Mathematical Sciences Research Institute, Berkeley

PACIFIC RIM MATHEMATICAL ASSOCIATION CONGRESS 2022   December '22
Pacific Institute for the Mathematical Sciences

A PAIR OF AUTOMORPHIC WORKSHOPS   July '22
University of Oregon, Eugene

CONFERENCE ON HOMOTOPY THEORY WITH APPLICATIONS TO ARITHMETIC AND GEOMETRY   June '22
The Fields Institute, Toronto

ARIZONA WINTER SCHOOL 2022: AUTOMORPHIC FORMS BEYOND GL_2 March '22
Online

Teaching Experience

TEACHING ASSISTANT, UNIVERSITY OF BRITISH COLUMBIA

Spring 2021	MATH 220 (Intro to Mathematical Proofs)
Summer 2021	MATH 300 (Introduction to Complex Variables), MATH 104 (Differential Calculus with Applications to Commerce and Social Sciences)
Fall 2021	MATH 312 (Introduction to Number Theory)
Spring 2022	MATH 313 (Topics in Number Theory)
Fall 2022	MATH 100 (Differential Calculus with Applications)

MATH LEARNING CENTRE, UNIVERSITY OF BRITISH COLUMBIA
Providing support for undergraduate students in a common study area.

TEACHING ASSISTANT, CHENNAI MATHEMATICAL INSTITUTE
Spring 2020   Modules & Galois Theory

Miscellaneous

LANGUAGES   Fluent: English, Hindi
            Beginner: French

SOFTWARE   C, C++, Haskell, Python, LaTeX, HTML