

Devang Agarwal

GRADUATE STUDENT

UNIVERSITY OF BRITISH COLUMBIA

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RESEARCH INTERESTS Langlands Program, Arithmetic Geometry

Education

MASTER OF SCIENCE

2021-Present

Mathematics

under Professor Vinayak Vatsal

University of British Columbia, Vancouver, Canada

Course Average (out of 100): 93.38

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 University of Heidelberg	March '23 (Upcoming)
INTRODUCTORY WORKSHOP: ALGEBRAIC CYCLES, L-VALUES, AND EULER SYSTEMS Mathematical Sciences Research Institute, Berkeley	January '23 (Upcoming)
PACIFIC RIM MATHEMATICAL ASSOCIATION CONGRESS 2022 Pacific Institute for the Mathematical Sciences	December '22
A PAIR OF AUTOMORPHIC WORKSHOPS University of Oregon, Eugene	July '22
CONFERENCE ON HOMOTOPY THEORY WITH APPLICATIONS TO ARITHMETIC AND GEOMETRY The Fields Institute, Toronto	June '22
ARIZONA WINTER SCHOOL 2022: AUTOMORPHIC FORMS BEYOND GL_2 Online	March '22

Awards and Fellowships

- Faculty of Science Graduate Award, University of British Columbia
- International Tuition Award, University of British Columbia
- Summer Research Fellowship, Indian Academy of Sciences
- Institutional Fee Waiver, Chennai Mathematical Institute
- Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship, Department of Science and Technology, Govt. of India
- National Talent Search Exam (NTSE) Scholarship, National Council of Educational Research and Training, Govt. of India

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
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Miscellaneous

LANGUAGES Fluent: English, Hindi
 Beginner: French

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

HOBBIES Gaming, Hiking
