

Amey Abhay Joshi

DOB: 6 July 2000

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Website- <https://iamjoshiamey.github.io/>

Education	Michigan State University - Graduate Student College of Natural Sciences Department of Mathematics	Aug' 22 - (ongoing)
	IISER Pune : BS-MS dual degree student Major- mathematics Math GPA-9.7/10 Total GPA- 8.5/10	Aug'17-May '22
	Vivekanand College, Kolhapur :11th and 12th standard	July '15-June '17
	S.M.Lohia high school, kolhapur : 5th-10th standard 10 th standard SSC exam percentage :96/100	June '09-April '15
Employment	MSU-Teaching Excluded Assistant II	Aug'22-May'23
	MSU-Teaching Assistant MTH234	Summer 23
	MSU Summer Topology Program Mentor	Summer 23
Interests	Symplectic Topology, Four manifold Theory, Gauge Theory.	

Publications	Abelian branched covers of rational surfaces with Robert Harris, Doug Park, Mainak Poddar
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Research projects	Advisor
<ul style="list-style-type: none">Four Manifolds and Gauge Theory MS Thesis project	Doug Park
<ul style="list-style-type: none">Symplectic Classes of representations	Steven Spallone

Reading Projects	Advisor
<ul style="list-style-type: none">Floer Homology (Ongoing)	Matthew Stoffregen
<ul style="list-style-type: none">Four Manifolds and Gauge Theory	Doug Park
<ul style="list-style-type: none">h-cobordism theorem semester project SPRING 2021,	Prof. Mainak Poddar
<ul style="list-style-type: none">Characteristic Classes and Milnor's exotic sphere Summer 2020	Prof. Mainak Poddar
<ul style="list-style-type: none">Lie Groupoids and Orbifolds as a part of VSRP 2020	Prof.S.K.Roushon
<ul style="list-style-type: none">Schemes, Complex Manifolds and non-algebraic manifold mini project of Algebraic Geometry course SPRING 2021	Dr. Vivek Mallick

Conferences and Workshops-

- [Trisectors Workshop](#) 2023
- Introductory Workshop: Floer Homotopy Theory Sep'22
- "[Geometric Topology](#)" conference Dec-2019.
- [IISc-IISER math symposium](#) Sep-2021.
- [Unifying Themes in Geometry](#) Sep 2021.

Awards and Honors

- [Infosys](#) foundation scholarship 2021-22
- [TIFR Visiting Student Research Program](#) fellow Summer 2020
- IISER Mohali Summer Research fellow Summer 2019
- National Graduate Physics Exam 2018-19: national top 1 percent
- DST-INSPIRE SHE fellow since 2017
- IIT-JEE Advanced 2017 All India Rank-5056
(equivalent to 99 percentile)

References

- [Dr. Matthew Stroffregen](#)
- [Prof.Doug Park](#), Department of Mathematics, University of Waterloo, Ontario, Canada.
email : bdpark(AT)uwaterloo.ca
- [Prof.Mainak Poddar](#), Chair, Department of Mathematics, IISER Pune.
email : mainak(AT)iiserpune.ac.in
- [Dr.Steven Spallone](#), Associate professor, Department of Mathematics IISER Pune.
email : sspallone(AT)iiserpune.ac.in

Software

- Python
- SageMath
- \LaTeX

Languages

- English : Fluent
- Hindi : Fluent
- Marathi: Mother Tongue
- Sanskrit: basic (elective in 10th std.)