

Amey Abhay Joshi

DOB: 6 July 2000
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[website](#)

Education	IISER Pune : BS-MS student Major- mathematics Math subject GPA-9.6/10 Senior GPA-9.4/10 Total GPA- 8.3/10	Aug'17-May '22(expected)
	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

Awards and Honors	<ul style="list-style-type: none">• Infosys foundation scholarship• TIFR VSRP fellow• IISER Mohali Summer Research fellow• National Graduate Physics Exam 2018-19: national top 1 percent• DST-INSPIRE SHE fellow• IIT-JEE Advanced 2017 All India Rank-5056 (out of 1.18 million candidates appeared for the exam)	2021-22 Summer 2020 Summer 2019 since 2017
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Courses	<ul style="list-style-type: none">• Here is a list of all the math courses that I took as a part of the academic curriculum at IISER Pune.	
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Advisor

Major Projects	<ul style="list-style-type: none">• Four Manifolds and Gauge Theory, ongoing MS Thesis project• h-cobordism theorem, semester project SPRING 2021, recieved 'O' grade for outstanding performance• Symplectic Classes semester project FALL 2020• Characteristic Classes and Milnor's exotic sphere Summer 2020• Lie Groupoids and Orbifolds as part of VSRP 2020	Prof. Doug Park Prof. Mainak Poddar Dr. Steven Spallone Prof. Mainak Poddar Prof.S.K.Roushon
Minor Projects	<ul style="list-style-type: none">• Schemes, Complex Manifolds and non-algebraic manifold mini project of Algebraic Geometry course SPRING 2021• McEliece Crypto-system and its baby version group project as a part of Cryptography course	Dr. Vivek Mallick Dr. Ayan Mahalanobis

	<ul style="list-style-type: none"> • Differential Topology semester project, Fall 2019 • Smooth Manifolds and Differential Geometry as a part of IISER Mohali summer research program, Summer 2019 	<p>Prof. Mainak Poddar</p> <p>Dr. Soma Maity</p>
Conferences and Seminars-	<ul style="list-style-type: none"> • "Geometric Topology" conference Dec-2019. • IISc-IISER math symposium Sep-2021. • Unifying Themes in Geometry Sep 2021. 	
References	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Python • SageMath • L^AT_EX 	
Languages	<ul style="list-style-type: none"> • English : Fluent • Hindi : Fluent • Marathi: Mother Tongue • Sanskrit: basic (elective in 10th std.) 	