

# Amey Abhay Joshi

DOB: 6 July 2000

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<b>Education</b>	<a href="#">IISER Pune</a> : 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)
	<b>Vivekanand College, Kolhapur</b> :11th and 12th standard	July '15-June '17
	<b>S.M.Lohia high school, kolhapur</b> : 5th-10th standard 10 th standard SSC exam percentage :96/100	June '09-April '15

<b>Awards and Honors</b>	<ul style="list-style-type: none"><li>• <a href="#">Infosys</a> foundation scholarship</li><li>• <a href="#">TIFR Visiting Student Research Program</a> fellow</li><li>• IISER Mohali Summer Research fellow</li><li>• National Graduate Physics Exam 2018-19: national top 1 percent</li><li>• DST-INSPIRE SHE fellow</li><li>• IIT-JEE Advanced 2017 All India Rank-5056 (equivalent to 99 percentile out candidates appeared for JEE-Main)</li></ul>	2021-22 Summer 2020 Summer 2019  since 2017
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<b>Courses</b>	<ul style="list-style-type: none"><li>• For the list of all the math courses that I took as a part of the curriculum at IISER Pune click - <a href="#">here</a></li></ul>	
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## . Project

## Advisor

<b>Major Projects</b>	<ul style="list-style-type: none"><li>• Four Manifolds and Gauge Theory, ongoing MS Thesis project</li><li>• h-cobordism theorem, semester project SPRING 2021, recieved 'O' grade for outstanding performance</li><li>• Symplectic Classes semester project FALL 2020</li><li>• Characteristic Classes and Milnor's exotic sphere Summer 2020</li><li>• Lie Groupoids and Orbifolds as a part of VSRP 2020</li></ul>	Prof. Doug Park  Prof. Mainak Poddar  Dr. Steven Spallone  Prof. Mainak Poddar  Prof.S.K.Roushon
<b>Minor Projects</b>	<ul style="list-style-type: none"><li>• Schemes, Complex Manifolds and non-algebraic manifold mini project of Algebraic Geometry course SPRING 2021</li><li>• Differential Topology semester project, Fall 2019</li></ul>	Dr. Vivek Mallick  Prof. Mainak Poddar

	<ul style="list-style-type: none"> <li>• Smooth Manifolds and Differential Geometry as a part of IISER Mohali summer research program, Summer 2019</li> <li>• McEliece Crypto-system and its baby version group project as a part of Cryptography course</li> </ul>	<p>Dr. Soma Maity</p> <p>Dr. Ayan Mahalanobis</p>
<b>Conferences-</b>	<ul style="list-style-type: none"> <li>• <a href="#">"Geometric Topology"</a> conference Dec-2019.</li> <li>• <a href="#">IISc-IISER math symposium</a> Sep-2021.</li> <li>• <a href="#">Unifying Themes in Geometry</a> Sep 2021.</li> </ul>	
<b>References</b>	<ul style="list-style-type: none"> <li>• <a href="#">Prof.Doug Park</a>, Department of Mathematics, University of Waterloo, Ontario, Canada. email : bdpark(AT)uwaterloo.ca</li> <li>• <a href="#">Prof.Mainak Poddar</a>, Chair, Department of Mathematics, IISER Pune. email : mainak(AT)iiserpune.ac.in</li> <li>• <a href="#">Dr.Steven Spallone</a>, Associate professor, Department of Mathematics IISER Pune. email : sspallone(AT)iiserpune.ac.in</li> </ul>	
<b>Software</b>	<ul style="list-style-type: none"> <li>• Python</li> <li>• SageMath</li> <li>• L<sup>A</sup>T<sub>E</sub>X</li> </ul>	
<b>Languages</b>	<ul style="list-style-type: none"> <li>• English : Fluent</li> <li>• Hindi : Fluent</li> <li>• Marathi: Mother Tongue</li> <li>• Sanskrit: basic (elective in 10th std.)</li> </ul>	