

Rima Chatterjee

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Louisiana State University
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Research Interests:

Low Dimensional Topology, Knot Theory and Contact Geometry

Education:

Louisiana State University

Ph.D in Mathematics (August 2015-Present)
Advisor: Shea Vela-Vick

M.S in Mathematics (August 2015-Dec 2016)

Indian Institute of Technology, Kanpur, India

Msc. in Mathematics (July 2012-May 2014)

Jadavpur University, Kolkata, India

Bsc. in Mathematics (July 2009-May 2012)

Teaching:

Summer 2017

Running topology qualifier lab

Spring 2017

Tutored Math 1552

Fall 2016

Tutored Math 1551

Summer 2016

Ran topology qualifier lab

Spring 2016

TA for Multivariable Calculus

Fall 2015

TA for Math 1551 and 1552

Talks:

Fall 2016

Categorification of Alexander Polynomial
(Math 7290)

Fall 2016

Pencil of Curves (Math 7590)

Fall 2016

Introduction to Khovanov Homology(Topology
Seminar)

Summer 2016

Introduction to point set topology in Geaux
Orientation Program

Spring 2016

Alexander Polynomial (CM Project with Shea
Vela-Vick)

Relevant Coursework:

Summer 2017

Contact Geometry

Spring	2017	3-Manifolds
Spring	2017	4-Manifolds
Fall	2016	Categorification
Fall	2016	Hyperplane
Summer	2016	Handlebodies and Knot Theory
Spring	2016	Mapping Class Groups

Conferences:

Summer 2016	Topology in dimension 3.5 at Rice University
Summer 2016	Topology Student workshop at Georgia Tech.
Summer 2017	Floer Homology and Homotopy Theory at UCLA
Summer 2017	Symplectic Geometry Workshop at Isaac Newton Institute, UK

Honors and Awards:

April	2016	Pasquale Porcelli Award for Graduate Academic Excellence
May	2014	Proficiency Medal for best performing student in Masters Examination.
May	2014	Jasmine Mohiuddin scholarship for best performing student
Feb	2014	Scholarship for highest GPA in first year of Msc.
2009-	2014	Inspire Scholarship

Activities:

2016-	present	Member of Contact Topology Group
2016-	present	Member of Geaux Orientation Program

Academic Affiliation:

Member of American Mathematical Society
Member of Association of Women in Mathematics

Reference:

Shea Vela-Vick	Louisiana State University	shea@math.lsu.edu
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