

BIO DATA

1. Name and full correspondence address: Tirthankar Bhattacharyya,
Department of Mathematics, Indian Institute of Science, Bangalore, Karnataka, 560012

2. Email and contact number: tirtha@iisc.ac.in, +91 9448279673

3. Academic Qualification: Ph.D. 1997, Indian Statistical Institute

4. Ph.D. thesis title:

Some Problems in Joint spectral theory.

Guide's name: *Professor Rajendra Bhatia*

5. Work experience:

S. No	Position	Name of the Institute	From	To
1.	Professor (HAG)	Department of Mathematics at the Indian Institute of Science	February 2022	present
2.	Professor	Department of Mathematics at the Indian Institute of Science	February 2012	January 2022
3.	Associate Professor	Department of Mathematics at the Indian Institute of Science	February 2006	January 2012
4.	Assistant Professor	Department of Mathematics at the Indian Institute of Science	February 2000	January 2006
5.	PIMS post-doctoral fellow	University of Victoria, Canada	September 1999	January 2000
6.	Poorna Prajna post-doctoral fellow	Indian Statistical Institute, Bangalore	December 1998	August 1999
7.	Killam post-doctoral fellow	University of Calgary, Canada	November 1997	November 1998
8.	Post-doctoral fellow	Institute of Mathematical Sciences, Chennai.	April 1997	October 1997

6. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received:

S. No	Name of Award	Awarding Agency	Year
1.	Raja Ramanna Fellowship	Department of Science and Technology, India	2006-2010.
2.	Fellow of the Indian Academy of Sciences FASc.	Indian Academy of Sciences	2016
3.	Fellow of the Indian National Science Academy FNA	Indian National Science Academy	2021
4.	Fellow of the National Academy of Sciences, India FNASc	National Academy of Sciences, India	2021
5.	IISc Alumni award for excellence in research in science.	Indian Institute of science	2022
6.	J. C. Bose Fellowship.	SERB	2022
7.	SPARC	DST	2023

9. Publications: Click on the link for a complete list of publications: [Tirthankar Bhattacharyya - Publications \(google.com\)](#)

10. **Conference talks** (invited speaker, last few years)

Plenary speakers in many conferences in India.

- Invited speaker at the 29th International Conference on Operator Theory, organized jointly by the Institute of Mathematics of the Romanian Academy and the West University of Timisoara, July 2024.
- Invited speaker at IWOTA 2022 at Krakow.
- Invited speaker at the 28th International Conference on Operator Theory, organized jointly by the Institute of Mathematics of the Romanian Academy and the West University of Timisoara, July 2020.
- Session speaker at IWOTA 2018 at Shanghai. Session speaker at IWOTA 2016 at Washington University, St. Louis.
- Oberwolfach conference “Hilbert Modules and Complex Geometry” from 20 to 26 April, 2014.
- Session speaker at IWOTA 2014 at Amsterdam.
- ICMS (Edinburgh) conference “Function theory in several complex variables in relation to modelling uncertainty” from 21 to 25 July, 2014.
- Session speaker at IWOTA 2012 at Sydney.
- ICMS (Edinburgh) conference “Quantum Probability, Noncommutative Geometry and Quantum Information” from 16 to 18 January, 2012.
- Invited speaker at IWOTA 2008 at Berlin.

11. Conference organization:

International organization: Tirthankar Bhattacharyya is in the steering committee of IWOTA. See here <https://www.math.wustl.edu/~iwota/>

Within the country: Many, most notably the following three.

- AMS-India Conference of December 2003 – massive conference. This meeting was a precursor to ICM 2010, testing infrastructure, facilities and temperament.
- Matrices and Operators of December 2012, an international conference on Hilbert space operators and matrices in honour of the sixtieth birth-year of Rajendra Bhatia. It was widely participated by many Indian and foreign mathematicians working in the broad area of mathematical analysis.
- IWOTA at Indian Institute of Science, in December, 2013. IWOTA is the biggest annual global event in operator theory. This was the twenty-third IWOTA and the first one in India. Responsible for bringing this conference to India by negotiation and interaction with the Steering Committee of IWOTA. Was a great success, benefiting many Indian mathematicians.

12. Students guided for Ph.D. and their present placements:

- 1) Prof. Jaydeb Sarkar (Ph.D. 2006) is presently a professor at Indian Statistical Institute, Bangalore.
- 2) Dr. J. P. Mohandas finished (Ph.D. 2007) is presently an assistant professor at Government College, Kasaragod.
- 3) Dr. Sourav Pal (Ph.D. 2012) is presently an associate professor at IIT, Bombay.
- 4) Dr. Santanu Sarkar (Ph.D. 2014) is presently an assistant professor at IIT Ropar.
- 5) Dr. Haripada Sau (Ph.D. 2016) is presently an assistant professor at IISER, Pune.
- 6) Dr. Anindya Biswas (Ph.D. 2021) is presently a post-doctoral fellow at Masaryk University, Czech Republic.
- 7) Dr. Poornendu Kumar (Ph.D. 2023) is presently a research associate at IISc. Scheduled to join post-doctoral fellowship at the University of Manitoba, Canada.
- 8) Dr. Shubham Rastogi (Ph. D. 2023) is presently a post-doctoral fellow at IIT Bombay.

Four Ph.D. students are working now with Tirthankar Bhattacharyya. Three of them are PMRF recipients.