

Priya Batra

Personal Information

Integrated PhD 2016

Prime Minister Research Fellow

Indian Institute of Science Education and Research, Pune

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Birthdate: May 19, 1996

Education

I'm currently in my 5th year of Int-PhD working in the field of quantum information with Dr. T S Mahesh.

Year of Passing	Institution/Board	Degree	Marks/Grades
2018	Indian Institute of Science Education and Research, Pune	M.Sc. as a part of Integrated PhD Programme	8.1
2016	Maharani College, Jaipur	Bachelor of Science(PCM)	80%
2013	Rajasthan Board of Secondary Education	XII	91.40%

2011	Rajasthan Board of Secondary Education	X	92.33%
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Research Experience

- Summer 2015: Project Assistant
 - Rajasthan University Jaipur
 - Project in Solar Physics
 - Supervisor: Sunita Mahavar
- Fall 2016–Spring 2018: MS Project
 - IISER Pune
 - Biophysics
 - Supervisor: Shiv Prasad Patil

Publication

1. Characterizing Quantum Evolutions via a Recommender System
Priya Batra, Anukriti Singh, and T. S. Mahesh, arXiv preprint arXiv:2005.10555 (2020).
2. Push-pull optimization of quantum controls

Priya Batra, V. R. Krithika, and T. S. Mahesh
Physical Review Research 2.1 (2020): 013314
3. Experimental localisation of quantum entanglement through monitored classical mediator

Soham Pal, Priya Batra, Tanjung Krisnanda, Tomasz Paterek, T. S. Mahesh, arXiv preprint arXiv:1909.11030 (2019)
(To be appeared in Quantum)

Awards and honours

- PMRF Award, May 2019
- CSIR JRF, JUNE 2018(Rank 127)
- Inspire fellow, 2013-2016
- IIT-JAM 2016 (Rank 139)
- JEST 2016 (Rank 72)
- Merit holder in XII, 2013

Computer Skills

- MATLAB
- Python
- OriginLab
- Github

Service and leadership

- Student Council member at IISER Pune
- Co-ordinator at Prerana (Disha), a social outreach program of IISER Pune
- Volunteer at Prutha, Green club of IISER Pune