



Dr Kiran Mathew

E-mail: km4physics@pavanatmacollege.org

Profile URL :

<https://vidwan.inflibnet.ac.in//profile/244393>

Orcid Id: 0000-0002-2561-7723

Phone: , 9495128669

Address: Idukki ,Kerala,India - 685604

Expertise

Applied Physics

Physics

Work experience

1. Pavanatma College, Murrickacherry 2019 — Present

Assistant Professor

Idukki

Education

1. Ph.D - 2017

Mahatma Gandhi University, Kottayam, Kerala

2. M.Sc Physics - 2009

M G University

3. B.sc Physics - 2007

4. Plus Two - 2004

St Jeromes, Vellayamkudy

Publication

1. Position measurement-induced collapse states and boundary bound diffraction: an idealised experiment

Moncy V. John ., Kiran Mathew .,

Quantum Studies: Mathematics and Foundations, Volume 8, Year 2021, Pages 191--203

2. Position measurement-induced collapse: a unified quantum description of Fraunhofer and Fresnel diffractions

Moncy V. John ., Kiran Mathew .,

Foundations of Physics, Volume 49, Year 2019, Pages 317--329

3. Position measurement-induced collapse states: Proposal of an experiment

John, Moncy V and Mathew, Kiran

arXiv preprint arXiv:1907.06707, Year 2019

4. Interfering quantum trajectories without which-way information

Kiran Mathew ., Moncy V. John .,

Foundations of Physics, Volume 47, Year 2017, Pages 873--886

5. Tunneling in energy eigenstates and complex quantum trajectories

Kiran Mathew ., Moncy V. John .,

Quantum Studies: Mathematics and Foundations, Volume 2, Year 2015, Pages 403--416

6. Coherent states and modified de Broglie-Bohm complex quantum trajectories

Moncy V. John ., Kiran Mathew .,

Foundations of Physics, Volume 43, Year 2013, Pages 859--871