

<b>NAME</b>	<b>Dr. RANDEEP N C</b>	
<b>DESIGNATION</b>	<b>Assistant Professor Government Arts and Science College, Kozhikode.</b>	
<b>QUALIFICATION</b>	<b>MSc, NET-JRF, PhD</b>	
<b>EMAIL ID</b>	<b>randeepvarnam@gmail.com</b>	
<b>PHONE NO</b>	<b>7558010540</b>	

<b>TEACHING INTERESTS</b>
<b>Quantum Mechanics, Statistical Mechanics, Classical Mechanics, Electrodynamics.</b>

<b>RESEARCH AREAS</b>
<b>Quantum Computation and Information, Theoretical Condensed Matter Physics</b>

**ACADEMIC/PROFESSIONAL QUALIFICATIONS**

<b>NAME OF THE PROGRAMME</b>	<b>INSTITUTION/UNIVERSITY</b>	<b>YEAR OF PASSING</b>
<b>B. Sc. Physics</b>	<b>SN College, Chelannur, Calicut, Calicut University</b>	<b>2007</b>
<b>M. Sc. Physics</b>	<b>Deva Matha College, Kuravilangad, MG University</b>	<b>2009</b>
<b>NET+JRF</b>	<b>Council of Scientific and Industrial Research, New Delhi, India</b>	<b>2012</b>
<b>Ph. D</b>	<b>Indian Institute of Space Science and Technology</b>	<b>2020</b>

**RESEARCH GUIDESHIP AND CENTRE**

<b>RESEARCH CENTRE: Dept. of Physics, Govt. Arts &amp; Science College, Calicut</b>
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**MEMBERSHIPS IN BOARD/ ASSOCIATION/ PROFESSIONAL AFFILIATIONS**

Member- BSc Physics Board of Studies of University of Calicut
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**CAREER HISTORY/TEACHING EXPERIENCE**

DESIGNATION	INSTITUTION/UNIVERSITY	YEAR OF SERVICE
Guest Faculty in Physics	PTM Government College, Perithalmanna, Calicut University	8 Months
Assistant Professor in Physics	Government Arts and Science College, Kozhikode	3 Years and 8 Months
Part time Faculty of Physics For NET Coaching	CSC, Thiruvananthapuram	8 Years

**MPHIL/PHD THESIS**

1.	Topological entanglement entropy and gapless Majorana edge modes in the three-dimensional Kitaev model.	Dr. Naveen Surendran	Department of Physics, Indian Institute of Space Science and Technology	April 2020
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**JOURNAL PUBLICATIONS**

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1	Topological entanglement entropy of the three-dimensional Kitaev model	Phys. Rev. B 98, 125136	2469-9950	<u>Sept, 2018</u>
2	Zero-energy Majorana edge modes in the three-dimensional Kitaev model	Phys. Rev. B 100, 045134	2469-9950	<u>July, 2019</u>
3	Beyond Qubits: An Extensive Noise Analysis of Qutrit Quantum Teleportation	International Journal of Theoretical Physics 62, 258 (2023)	1572-9575	<u>Nov, 2023</u>

4	Quantum teleportation scheme using entangled two ququads and its noise effects	Quantum Information Processing 23, 192 (2024)	15700755	<u>May,2024</u>
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**SEMINARS/CONFERENCES/WORKSHOPS ATTENDED#**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1	International Conference on Quantum Technology and Applications	Manipal Academy of Higher Education, Manipal	Dr. T M A Pai Auditorium, KMC, MAHE, Manipal, Karnataka 12-14 February, 2024	International
2.	National Seminar on Frontiers in Physics	AVAH Arts and Science College	AVAH Arts and Science College, Kuluppa, Payyoli, Kozhikode, Kerala 1 <sup>st</sup> December, 2023	National
3.	National Seminar on Emerging Trends in Materials Science: Energy Related Materials	Govt. Arts and Science College, Calicut. DCE, TVM	Govt. Arts and Science College, Calicut, Meenchanda, Kozhikode, Kerala 13-15 November, 2023	National
4.	Emerging Topics in Quantum Technology	IIT Palakkad	IIT Palakkad, November 2-4, 2023	National
5.	Noval phases of quantum matter	ICTS Bangalore,	Ramanujan Lecture Hall, ICTS Bangalore, December 23, 2019 - January 2, 2020.	International
6.	Workshop on Quantum Mechanics	DCE, TVM.	PTM Govt. College, Perithalmanna. 4 & 5 December, 2019.	Regional
7.	Workshop on Frontiers in Condensed Matter Physics	IOP Bhubaneswar,	IOP Bhubaneswar, 22-27 February 2016	International
8.	SERC School on Topology and Condensed Matter Physics	Ramakrishna Mission Vivekananda Educational and Research	S N Bose Kolkata, November 23- December 12, 2015.	International

		<b>Institute, Belur Math, West Bengal.</b>		
<b>9.</b>	<b>School on Topological Quantum Matter</b>	<b>HRI Allahabad</b>	<b>HRI Allahabad, 9-21 February 2015.</b>	<b>International</b>
<b>10.</b>	<b>Bangalore School on Statistical Physics</b>	<b>ICTS Bangalore</b>	<b>RRI, Bangalore, 31<sup>st</sup> March - 12th April, 2014.</b>	<b>International</b>