



Dr. Rohith M.

Assistant Professor

May 30, 1988

Kozhiparambil House, Nilambur P.O., Kerala

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Skills & Strengths

Teaching

- A passionate teacher and Theoretical Physicist.

Programming

- A skilled Programmer

Administration

- Educational Administration & its facilitation is a hobby

Research

- Research guide at Government Arts and Science College Kozhikode
- ORCID: 0000-0002-5722-8319
- Researcher for more than 10 years

Publications

- Journals: 6
- Conferences: 8
- Invited Talks: 4

Academic Positions Held

- Young Innovators Programme Coordinator, Govt. College Malappuram (2021-present).
- IEDC Nodal Officer, Govt. Polytechnic College Vennikulam (2018-19)
- Coordinator of RUSA Shashtrayan Open House Exhibition, Govt. Arts and Science College Kozhikode (2018)
- Faculty Coordinator of Spoken Tutorial Program at Govt. College Kasaragod (2016-17)

Research Interests

- Quantum optics
- Open and non-Hermitian quantum systems
- Quantum thermodynamics
- Quantum Information

creative problem solver

perseverance

ultimate team player

modest

leader in spirit

EDUCATION

2019-2020 **Postdoctoral research fellow** | **PCS-IBS South Korea**

- Center for Theoretical Physics of Complex Systems (PCS), Institute for Basic Science (IBS), Daejeon- 34126, South Korea.
- Collaborator:** Dr. Juzar Thingna (Nonequilibrium Quantum Thermodynamics Group)

July, 2016 **Ph.D.** | **Full-time** | **IIST Thiruvananthapuram**

- Thesis:** An investigation of nonclassical properties of light using an optical tomogram (Broad Area: Theoretical Quantum Optics)
- Supervisor:** Dr. Sudheesh Chethil, Associate Professor, Department of Physics, IIST Thiruvananthapuram, Kerala, India.

Dec. 2010 **JRF with NET in Physical Sciences** | **CSIR-UGC, Reg. No. 505456**

2008 - 2010 **M. Sc. Physics** | **First Position** | **University of Calicut**

- Department of Physics, Calicut University Campus, Thenhipalam, Kerala, India.
- Specialization:** Quantum field theory, Advanced Nuclear Physics.

2005 - 2008 **B.Sc. Physics** | **Fourth Rank** | **University of Calicut**

- Marthoma College, Chungathara, Malappuram, Kerala, India.
- Subjects:** Physics (Main), Chemistry & Mathematics (Complementary).

EXPERIENCE

2021 - present **Assistant professor** | Dept. of Physics | **Govt. College Malappuram**

- Teaching at UG and PG Level - Electrodynamics, Solid state physics, Projects and practicals.

2020 - 2021 **Assistant professor & Head** | Dept. of Physics | **EKNM Govt. College Elerithattu, Kasaragod**

- Teaching at UG Level - Electrodynamics, Modern physics, Photonics and spectroscopy, Astrophysics, projects and practicals.

2018 - 2019 **Assistant professor** | General Dept. | **Govt. Polytechnic College Vennikulam, Pathanamthitta**

- Teaching at UG Level- General Physics, Practicals.

2017 - 2018 **Assistant professor** | Dept. of Physics | **Govt. Arts and Science College Kozhikode**

- Teaching at UG and PG Level- Electrodynamics, Practicals, Quantum mechanics.

2016 - 2017 **Assistant professor** | Dept. of Physics | **Govt. College Kasaragod**

- Teaching at UG Level- Electrodynamics, UG Practicals, etc.

Languages

- English ●●●●●
- Malayalam ●●●●●
- Hindi ●●○○○

Interests & Activities

- Teaching |
- Programming |
- Research & |
- Development