

Dr. VIJEESH P

Assistant Professor of Physics

Passionate towards teaching and research .20 years of teaching experience with 9 years in school teaching and 11 years as Assistant Professor . Working as Assistant Professor of Physics in The Cochin College, Kochi under Mahatma Gandhi University, Kottayam, Kerala, India. More than 10 years of research experience in the field of Condensed Matter physics and Crystallography. Research started with Summer Research Fellowship by Indian Academy of Sciences Bangalore, India in the year 2010 and 2011 at Raja Ramanna Center for Advanced technology Indore Madhya Pradesh, India. Implemented research lab " Crystal Growth and Laser Imaging Systems" in the Department of Physics The Cochin College. Currently concentrating on areas like Carbon Quantum dots, Crystallography and Geological Survey of Rare Earth Elements.



Contact

Phone

+919895466048

Email

vijeeshphysics@gmail.com

Address

vijeesh bhavan, vidakkuzha,
thaikkattukara p o, Aluva-6,
Kerala, India

Education

2022

Ph.D.

Cochin University of Science and
Technology, Kerala, India

2003

Bachelor of Education

Avila College, M.G. University, India

2002

Master of Science

St. Pauls College, M.G. University, India

Expertise

- Material Science
- Crystallography
- Geophysics
- Physics
- Programming
- Nanomaterials

Language

English

Malayalam

Hindi

Experience

2012 Onwards

The Cochin College, Kochi, India

Assistant Professor

Working as Assistant Professor of Physics in The Cochin College, Kochi under Mahatma Gandhi University, Kottayam, Kerala, India. As an Assistant Professor, took responsibilities other than teaching such as, coordinating various events of scientific importance, quiz competitions, Science Shows, hands on trainings and many more. Supervised many Post Graduate and Undergraduate research projects. More than 10 years of research experience in the field of Condensed Matter physics and Crystallography. Implemented research lab " Crystal Growth and Laser Imaging Systems" in the Department of Physics The Cochin College with the financial support from Kerala State Council for Science Technology and Development under their SARD Scheme. Working as the Principal Investigator of SARD Scheme of KSCSTE at The Cochin College, Kerala, India. Currently concentrating on areas like Carbon Quantum dots, Crystallography and Geological Survey of Rare Earth Elements.

2004-2011

Toch Public School, Vyttila, Kerala, India

Post Graduate Teacher

2011-2012

Cochin University of Science and Technology

Assistant

2003-2004

Seva Sadan Senior Secondary School, Palakkad, Kerala, India

2009-2011

International Online Educator

Reference

Dr. Sunil Verma

Head, Bio-Materials and Characterization Lab.

Laser Biomedical Application Division

(RRCAT)

Department of Atomic Energy,

Indore - 452013, M.P., INDIA sverma1118@gmail.com

Phone: +91 9303223993



DR. VIJEESH P.

ASSISTANT PROFESSOR

 [lilinkedin.com/in/vijeesh-p-2b60a61b5](https://www.linkedin.com/in/vijeesh-p-2b60a61b5)

 namasthevijji@gmail.com

 +919895466048

RELEVANT SKILLS

- Quiz
- Trainer
- Career Guidance

RESEARCH EXPERIENCE

More than 10 years of research experience in the field of Condensed Matter physics and Crystallography. Research started with Summer Research Fellowship by Indian Academy of Sciences Bangalore, India in the year 2010 and 2011 at Raja Ramanna Center for Advanced technology Indore Madhya Pradesh, India. There I did synthesis and characterization of crystals in Laser Materials Development and Devices Lab. In the year 2013, joined Cochin University of Science and Technology for Ph.D. and did work on the topic "Development of A Crystallizer-Image Analyzer System and Its Application in Optical Bandgap Modification of Tri Glycine Sulphate". Currently concentrating on areas like Carbon Quantum dots, Crystallography and Geological Survey of Rare Earth Elements.

RESEARCH JOURNALS & CONFERENCES

JOURNALS

- [1] P. Vijeesh, P. K. Annieta, M.H. Supriya, "Doping Induced Optical Bandwidth Modification of Tri Glycine Sulphate Crystal," Journal of Scientific Research, vol. 64, no. 1, pp. 305-309, 2020.
- [2] P. Vijeesh, P. M. Maneesha, M.H. Supriya, "Studies On Temperature Stability Of Pure And Doped Triglycine Sulphate Crystals Using TGA/DTA," Current Physical Chemistry, vol. 10, pp. 206-212, 2020.

CONFERENCE PRESENTATIONS

- [1] P. Vijeesh, M. Manesha, S. Kiran, M.H. Supriya, "Synthesis and Characterization of Triglycinesulphate Crystals Doped with Potassium Succinate," 3rd Edition of International Conference on Advanced Spectroscopy, Crystallography and Applications in Modern Chemistry, London, 2018.
- [2] P. Vijeesh, K.P. Annieta, M.H. Supriya, "Growth and Growth Rate Analysis of Potassium Succinate crystal," in N.S.C.G.A, Bhabha Atomic Research Center, Mumbai, 2016.
- [3] P.Vijeesh, T. Paulbert, K.P. Annieta, M.H. Supriya, "Growth Rate Analysis and Material Characterization of Potassium Succinate crystal," in Smart Materials for Futuristic Electronics and Communication Technology, Kochi, 2016.

CERTIFICATIONS



National Eligibility Test (U.G.C, C.S.I.R)



State Eligibility Test (Kerala State)