CONTACT

KEERTHI MOHAN

6238963157

keerthimohan2016@gmail.com

PERSONAL DETAILS

- Date of Birth : 21/10/1997
- Nationality : Indian

LANGUAGES

- English
- Malayalam

ACHIEVEMENTS & AWARDS

- CSIR-UGC NET for Lectureship/ Assistant Professor (Dec 2023), Rank-58
- 14th rank in BSc.Chemistry (2020)

RESEARCH INTEREST

- Electrochemical oxidation and catalysis for sustainable development
- Hybrid Organic -Inorganic materials for advanced applications

EDUCATION

2020-2022
- **Govt.College for Women, Thiruvananthapuram - University of Kerala**
  Master of Science in Chemistry
  Score -1553/1800, Percentage - 86.3%

2017-2020
- **St.Joseph's College for Women, Alappuzha - University of Kerala**
  Bachelor of Science in Chemistry
  Percentage - 90.3%, CGPA(S) - 9.3/10

2014-2015
- **Matha Senior Secondary School - Central Board of Secondary Education(CBSE)**
  Highier Secondary Education
  Percentage - 85.4%, Marks secured 427/500

2013
- **Matha Senior Secondary School - Central Board of Secondary Education(CBSE)**
  Matriculation
  Percentage - 90%, Grade point -9/10, Grade - A2

ACADEMIC PROJECTS

- **Metal Oxide modified carbon supported Platinum-Ruthenium alloy for enhanced methanol electro-oxidation - CSIR-NIIST, June 2022**
  Supervisor: Dr.Nishanth K G, CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram
  Objective: Explore the excellent electrochemical property of Nickel tungstate as an electrocatalyst for methanol oxidation and characterize the samples using Cyclic Voltammery, XRD and TEM
- **Synthesized and characterized Carbon Quantum Dots(CQDs) derived from Ecofriendly Compounds, June 2020**
  Supervisor: Dr. Sarika Sivakumar, University of Kerala
  Objective: To synthesize non-toxic, environment friendly emissive Quantum dots using green precusor like beetroot and onion by simple synthetic methods and characterize the samples by FT-IR and UV-Vis Spectroscopy.

ACTIVITIES

- Student Coordinator for International Seminar conducted as part of graduation program.
- Source person in the program "Wrap-up:Recap of Chemistry so far" organized by the Dept of Chemistry, St.Joseph's College for Women, Alappuzha.

SKILLS

- Analytical skills

- Characterization
- Laboratory skills
- Leadership

REFERENCE

- **Dr. SARIKA SIVAKUMAR - Dept of Chemistry**
  ASSISTANT PROFESSOR
  St Joseph's College for Women, Alappuzha
  +91 9446202115

- **Dr NISHA BIJOY - Dept of Chemistry**
  ASSISTANT PROFESSOR
  St Joseph's College for Women, Alappuzha
  +91 9495482686