

K. BERLIN ASHA

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Educational Background:

B.Sc. CHEMISTRY – Lady Doak College, Madurai, TamilNadu, India
M.Sc. CHEMISTRY – The American College, Madurai TamilNadu, India
M.Phil. CHEMISTRY – Madurai Kamaraj University, Madurai TamilNadu, India

Teaching Experience: 12 years, 9 months

Research Experience: 2018 onwards

Research Interests: Coordination Chemistry, Sensors

Details about Funded Research Projects: -

International & National Sponsored Programs: (sponsored programs attended for Academic/ Research purpose)

- **Time dependent size and shape selective synthesis of Schiff base linked copper metal organic framework-** paper presented at the 6th **International Conference** on Recent Advances in Material Chemistry organized by the Department of Chemistry, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu, India, 17-19 February, 2022.
- **Electrochemical sensing of glycerol in oil palm by carbon paste electrode modified with Copper(II) complexes-** poster presented at the **International virtual conference** on frontiers in chemical sciences organized by the Department of Chemistry, MLSU, Udhaipur, Rajasthan, India on 25th June 2021.
- **International Symposium** on “Recent Advances in Electrochemical Sciences for Energy and Environment” organized by the Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai, Tamilnadu, India, 15 - 19 June, 2020.
- **Indo-UK Virtual Conference on Current Innovations and the Future of Therapeutic Developments** organized by Centre for Biomaterials Cellular & Molecular Theranostics (CBCMT) at Vellore Institute of Technology (VIT), Vellore, India and Swansea University, United Kingdom during 1st - 3rd June, 2020.

- **International Faculty Development Program** titled **Novel Materials for Energy and Biomedical (Covid-19) Healthcare Applications** organized by Department of Science & Humanities, M.Kumarasamy College of Engineering, Karur from 11th to 16th May 2020.
- **CSIR-CECRI** and **SAEST** sponsored a one day workshop on **Electrochemistry for Materials and Bio-interfaces** organized by Electrodes and Electrocatalysis division, CECRI on 29th July 2019.
- Three days workshop on **Recent Trends in Chemistry** organized by **Indian Academies of Sciences**, 09 - 11 March 2017, Lady Doak College, Madurai.
National conference on **SMART MATERIALS**, 23rd & 24th February 2016, Lady Doak College, Madurai.
- **UGC** sponsored **Workshop** on **Data handling**, 16-19 January, 2013, Lady Doak College, Madurai.
- **CSIR & ICMR** sponsored **National Conference on Evolving Paradigms in Molecular Pharmacology & Drug Design**, 17th & 18th March 2011, ULTRA College of Pharmacy, Madurai.
- **National seminar** on **Green Revolution – Energy Applied Technology, GREAT’ 11**, 4th March 2011, ULTRA College of Engineering & Technology for Women, Madurai.
- **Synthesis and characterisation of CdSe quantum dots in various organic solvents-** paper presented in CSIR sponsored National Seminar on Recent trends in Chemistry organised by the PG Department of Chemistry, Jayaraj Annapackiam College for Women, Periyakulam, on 26th and 27th February, 2009.

Other responsibilities held in college:

- Convenor, Red Ribbon Club (2019 - till date)
- Member, Centre for Entrepreneurship and Development (2017 - till date)
- Member, Counselling (2018 - 2019)
- Member, Christian studies (2017 - 2019)