

Dr. P.M. Sabura Begum

Associate Professor

Dept.ofAppliedChemistry

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Educational Background

- Cochin University of Science and Technology, Ph.D with Net qualification (2010)
- Cochin University of Science and Technology, M.Phil (1991) First Class
- University of Calicut (M.E.S. Kalladi College) M.Sc. (1990) First Class, University IVthrank
- Bharathidasan University (Holy Cross College, Tiruchirappalli), B.Sc. (1988) First class

Employment

- Associate Professor, CUSAT, 2010 –
- Senior scale Lecturer, CUSAT , 2001-2009
- Lecturer,M.E.S.CollegeMampad University of Calicut) (1994- 2000)

Area of research

The research involved here is multidisciplinary and involves the design, synthesis and characterization of heterocyclic compounds and polymer nanocomposites.

Membership in Professional and Academic Bodies

- Member, Board of Studies in Polymer Science, University of Calicut
- Executive member CUSAT Women's Welfare Organization
- Member, Academic Committee, CUSAT

- Member, Placement committee, CUSAT
- Member, Board of studies in Applied Chemistry, CUSAT

Research Guidance

M.Phil –8 completed, ongoing-1

Ph.D— 2 completed, 2- submitted, ongoing-5

1. Development of epoxy nanocomposites; Thermal, mechanical, adhesive and microwave properties; -BinduSharmila T. K, 2015
2. Latex stage and dry stage modification of Nitrile rubber using nanoclay, Graphene and their hybrids – BhavyaBhadran, 2017

Project

Deputy co-ordinator - UGC-SAP- 1 crore 32laks – (2016-21)

Principal Investigator – DoECC – Rs 23, 72,151/- (2018-2020)