

Dr. P.M. Sabura Begum

Professor

Dept. of Applied Chemistry

pmsabura@cusat.ac.in

Phone no: 2862426, 9995071968

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. College Mampad 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 –9 completed, ongoing-1

Ph.D— 4 completed, ongoing-5

1. Development of epoxy nanocomposites; Thermal, mechanical, adhesive and microwave properties; -Bindu Sharmila T. K, 2015
2. Latex stage and dry stage modification of Nitrile rubber using nanoclay, Graphene and their hybrids – Bhavya Bhadrán, 2017
3. Studies on polyaniline nanofiber and its composites: Optical,biological, electrical and Mechanical properties - Divya P.R, 2018
4. Novel nanocomposites of NR and NBR: Synthesis, Characterisation and property evaluation – Midhun Dominic C.D, 2018

Project

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

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