

Shalini Menon

Research Scholar
Department of Applied Chemistry
Cochin University of Science and Technology
Kochi-682022, Kerala, India
salini.smn@gmail.com, shalinimenon@cusat.ac.in; +919995638908 (cell)



EDUCATION

- *Bachelor of Science*, Chemistry, Mahatma Gandhi University, Kottayam, India, May 2011
- *Master of Science*, Applied Chemistry (Pharmaceuticals), Mahatma Gandhi University, Kottayam, India, May 2013
- *Master of Philosophy*, Chemistry, Cochin University of Science and Technology (CUSAT), Kochi, India, June 2015

SCHOLARSHIPS AND AWARDS

- 2nd Rank – MSc. Applied Chemistry (Pharmaceuticals), Mahatma Gandhi University, Kottayam 2013
- CSIR-UGC, Govt. of India, National Eligibility Test (NET) 2014
- Kerala State Council for Science Technology and Environment (KSCSTE) Research Fellowship 2014
- 2nd Rank – M.Phil. Chemistry, CUSAT 2015
- Best Oral presentation Award in World Congress on Drug Discovery & Development 2016; J.N. Tata Auditorium, Indian Institute Of Science, Bengaluru 2016
- Best Paper Award in 26th Swadeshi Science Congress 2016, A National Seminar; Central Marine Fisheries Research Institute, Kochi 2016
- Young Scientist Award International Seminar on Recent Advances in Solar Energy Applications (RASE 2016); St. Teresa's College, Ernakulum 2016

CURRENT RESEARCH INTERESTS

- Development of sensors based on fluorescence for clinically important compounds,

- pharmaceuticals, food additives, metal ions.
- Development of immunosensors.
- Development of enzyme immobilized biosensors and optical sensors based on nanomaterials.
- Fabrication of electrochemical sensors for the determination of various targets.

RESEARCH PUBLICATIONS – 10

PAPER PRESENTED IN CONFERENCES/SEMINARS – 12

OTHER ACADEMIC ACTIVITIES

- Student Convener, MatCon2016 – International Conference on Materials for the Millennium.

EXTRA CURRICULAR ACTIVITIES/ACHEIVEMENTS

- Official instructor of the **Guinness World Record** winning event “The largest Practical Science Lesson” achieved by Vijnana Bharati, India in December 2015.
- Won ‘Kalathilakam’ title in the CUSAT youth festival in 2014.
- Won ‘Kalathilakam’ title in the CBSE school state youth festivals in the years 1999 and 2007.
- Hosts a TV show.
- Acted in 4 malayalam movies.