

## **Dr. Sneha Jose E**

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Department of Chemistry,  
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### **Personal Profile**

**Date of birth : 24/4/1988**  
**Nationality : Indian**  
**Marital status : Married**  
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### **Educational details**

- **Ph. D Chemistry, Cochin University of Science and Technology.**  
**Thesis supervisor: Dr. P.V. Mohanan**  
**Phd Thesis Title: 2-methoxy-4-chromanone ligated transition metal complexes:**  
**A novel class of effectual bioactive compounds.**
- **M. Sc. Chemistry, University Of Calicut.**
- **B. Ed. Physical Science, University of Calicut.**

### **Awards**

- **NET-UGC-JRF**
- **Won Special Prize for best paper, Prof K. V. Thomas Endowment National Seminar - Molecular Approach to Current Advances in Chemistry, Sacred Heart College, Thevara 7-8 December 2015.**

### **Teaching Experience**

- Guest faculty at Department of Chemistry, St. Thomas College, Kozhanchery.
- Guest faculty at Department of Chemistry, St. Berchmans College, Changanassery .

#### Publications

- Novel class of mononuclear 2-methoxy-4-chromanones ligated Cu (II), Zn (II), Ni (II) complexes: synthesis, characterization and biological studies, E. Sneha Jose, Jessica Elizabeth Philip, A. A. Shanty, M. R. P. Kurup, P. V. Mohanan, *Inorg. Chim. Acta* 478 (2018) 155–165.
- Synthesis, characterization and biological studies of Schiff bases derived from heterocyclic moiety, A. A. Shanty, J. E. Philip, E. J. Sneha , M. R. P. Kurup , S. Balachandran , P. V. Mohanan , *Bioorg. Chem.* 70 (2017) 67–73.
- Design, synthesis, antimicrobial and antioxidant activity of 3-formyl chromone hydrazone and their metal (II) complexes, J. E. Philip, A. A. Shanty, E. J. Sneha , M. R. P. Kurup, P. V. Mohanan, *Inorg. Chim. Acta*,469 (2018) 87-97
- Synthesis and characterisation of novel 2- methoxy-4-chromanone derivatives, Sneha Jose E, P. V. Mohanan, Proceedings of Prof K. V. Thomas Endowment National Seminar - Molecular Approach to Current Advances in Chemistry, Sacred Heart College, Thevara, 2015, ISBN: 978-81-930558.
- Spectral Characterisation Of Newly Synthesized 4-Chromanone Derivatives From 3-Formyl Chromone , Sneha Jose E, P. V. Mohanan, Proceedings of International Conference on Materials for the Millennium, MATCON-2016,ISBN:978-93-80095-738.

#### PARTICIPATION / PRESENTATIONS AT CONFERENCES / SEMINARS:

- National Seminar on Current Trends in Chemistry CTriC 2013, Department of Applied Chemistry, Cochin University of Science and Technology.
- National Seminar on Current Trends in Chemistry CTriC 2014, Department of Applied Chemistry, Cochin University of Science and Technology.

- **Two day seminar on Recent Trends in Inorganic Organic Hybrid Metal Frameworks, January 2015, School of Chemical Science, M.G University, Kottayam.**
- **Poster presentation at Two day National seminar on Chemistry in Cancer Research CCR-2015, St. Alberts College, Ernakulam, October 8 & 9, 2015.**
- **Oral Presentation on 'Synthesis & Characterization of Chromanones', Prof K. V. Thomas Endowment National Seminar - Molecular Approach to Current Advances in Chemistry, Sacred Heart College, Thevara (Won Special Prize for best paper), 7-8 December 2015.**
- **Poster presentation at International Conference on Materials for the Millennium, MATCON-2016, January 14 -16, 2016, Department Of Applied Chemistry, CUSAT.**
- **Poster presentation on Antimicrobial Studies of Zn (II) complexes Incorporating 2-Methoxy- 4-Chromanones, Sneha Jose E and P. V. Mohanan, National seminar on Current Trends in Chemistry (Ctric 2017), Cochin University of Science and Technology, Cochin**
- **Poster presentation on Alpha amylase inhibition and antimicrobial studies of 2-Methoxy- 4- Chromanones , Sneha Jose Eettinilkunnathil and Puzhavorparambil Velayudhan Mohanan, Prof. K V Thomas Endowment International Symposium On New Trends In Applied Chemistry (NTAC - 2017), 09 – 11 February 2017, Sacred Heart College (Autonomous), Thevara, Kochi.**
- **Workshop on Recent Trends In Chemistry Research, as a part of Skill Development Programme For Interdisciplinary Research, Department of Chemistry, St. Berchmans College, Changanassery, 15 February 2020.**

