

LINET ROSE J.  
PANCHAKUZHIYL (H)  
EDAVAKA (P.O.)  
KALLODY  
MANANTHAVADY  
WAYANAD (Dt.)  
KERALA



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**Carrier Objective:**

Obtain a position where I can apply my teaching aptitude and research experience.

To carry out my responsibilities sincerely for the growth of the organization and to gain further experience in this field.

**Education**

**2010– 2015**

Ph.D (Chemistry), NIT Calicut, Kerala, India

**2007 – 2008**

B. Ed (Physical Science), St. Joseph's Training College - Mannanam, Mahatma Gandhi University, Kerala, India. 1<sup>st</sup> class with 74.6% marks.

**2005– 2007**

M. Sc. (Chemistry), St. Joseph's College - Devagiri, Calicut University, Kerala, India. Distinction with 80.45% marks

**2002– 2005**

B. Sc. (Chemistry) Providence Women's College, Calicut University, Kerala, India. Distinction with 89.3% marks.

**2000– 2002**

Higher Secondary Education, Sacred Heart Higher Secondary School, Thiruvambady, Calicut. Kerala State Board of Examinations. Distinction with 80.4% marks.

**1998- 2000**

Secondary Education, Sacred Heart High School, Thiruvambady, Calicut. Kerala State Board of Examinations. Distinction with 92.3% marks.

## Personal Information

Name	Linnet Rose J.
Gender	Female
Date of Birth	20 <sup>th</sup> March 1985
Marital status	Married
Spouse's Name	Shaji Paul
Nationality	Indian
Phone	9946933039
email	<a href="mailto:rose.line2@gmail.com">rose.line2@gmail.com</a>
Residential Address	Panchakuzhiyl (House), Edavaka (P.O) Kallody, Mananthavady, Kerala.

## Teaching Experience

- Worked as guest lecturer in Chemistry in the Dept. of Chemistry, University of Calicut for a period of 2 months from February to March 2016.
- Worked as guest lecturer in Chemistry at Sacred Heart Higher Secondary School, Thiruvambady, for a period of six months from 2015 July to 2015 December.
- Worked as guest lecturer in Chemistry at St. Joseph's College, Devagiri, for a period of six months from 2009 August to 2010 February.

## Award and Achievements

- Qualified Kerala SET (2014)
- Secured Best Oral Presentation award in the Research Scholars Workshop conducted by UGC-DAE consortium for scientific research at Devi Ahilya University, Indore, December 2013.
- Secured Dr. Eliyamma Zachariah Endowment for best presentation in the National seminar on Recent Trends and Sequels in Chemistry at Sacred Heart College, Thevara.

## Research Experience

- Worked as Senior research fellow at Indian Institute of Spices Research, Calicut (From April 2016 to March 2017)
- Worked as Research Assistant in UGC-DAE-CSR sponsored project for a period of three years; two years at NIT Calicut and one year at Indira Gandhi Centre for Atomic Research, Kalpakkam.

## Publication in Peer Reviewed International Journals

1. J. Linet Rose, B. V. R. Tata, Yeshayahu Talmon, V. K. Aswal, P. A. Hassan, Lisa Sreejith, Micellar Solution with pH Responsive Viscoelastic and colour switching Properties. **RSC Adv.**, Vol. 5, pp 11397-11404, 2015.
2. J. Linet Rose, B. V. R. Tata, V.K. Aswal, P. A Hassan, Yeshayahu Talmon, Lisa Sreejith, pH-Switchable Structural Evolution in Aqueous Surfactant-Aromatic Dibasic acid System. **Eur. Phys. J. E.**, Vol.38, pp 4-12, 2015.

3. J. Linet Rose, B. V. R. Tata, Yeshayahu Talmon, V. K. Aswal, P. A. Hassan, Lisa Sreejith. Distinctive Effect of Maleic Acid and Fumaric Acid on structural Transitions in Cationic Micellar Solution, **Colloid Polym. Sci.**, Vol. 293, pp. 1383-1390, 2015.
4. J. Linet Rose, B. V. R. Tata, Lisa Sreejith, Crystalline Fibrillar Gel Formation in Aqueous Surfactant – Antioxidant System, **Eur. Phys. J. E**, Vol. 38, pp. 84 - 92, 2015.

## Conference presentations

1. **Surfactant Based Micellar Fluid with pH Switchable Properties**, Material Chemistry Seminar, Providence Women's College, Calicut, October 2014.
2. **Lamellar Structures Formed in Aqueous Surfactant System-An effective medium for Lipophilic Encapsulation**, International Conference on Materials for Future, Govt. Engineering College, Thrissur, November 2013
3. **Temperature Induced Crystalline fibrillar network to Micelle Transition in Aqueous Surfactant – Antioxidant System**, Research Scholars Workshop conducted by UGC-DAE consortium for scientific research at Devi Ahilya University, Indore, December 2013. (*Secured oral presentation award*)
4. **Viscosity and Light Scattering Studies on the Temperature Dependent Morphological Changes in Surfactant Solution**, National seminar on Recent Trends and Sequels in Chemistry at Sacred Heart College, Thevara, December, 2011. (*Secured Dr. Eliyamma Zachariah Endowment for best presentation*)
5. **Surfactant Based Viscoelastic Fluid with Thermo reversible Transparency**, National Seminar on Emerging trends in Opto- electronic and solar energy Nano materials at NSS College, Mattannur, September 2011.
6. **Temperature Triggered Structural Transitions in Surfactant Organized Self assemblies**, International Seminar on Optics at NIT Calicut, May 2011
7. **Thermo reversible Optical Switch from Surfactant Organized Self assemblies**, National seminar on Current trends in Chemistry, CUSAT, Kochi, March 2011

## Ph.D Thesis

**Title:** Stimuli-responsive Fluids from Surfactant Self-assembly

**Supervisor:** Dr. Lisa Sreejith, Associate Professor, Dept. Chemistry, NIT Calicut

**Collaborator:** Dr. B. V. R. Tata, Scientific officer-H, IGCAR, Kalpakkam, Chennai

**Thesis evaluated by:** 1. Prof. Y. Talmon, Technion Israel Institute of Technology, Israel.  
2. Dr. Sunil S. Bhagwat, Institute of Chemical Technology Mumbai.