

**Dr. P. N. Mayuri, M.Sc., Ph.D.**  
Assistant Professor  
Department of Organic Chemistry  
Sri Padmavati Mahila Visvavidyalayam,  
Tirupati-517502, A.P.  
E-mail: [mayuri.manu@gmail.com](mailto:mayuri.manu@gmail.com)  
Mobile: +91- 9790225594.



### Working Experience:

**CSIR-RA**, Department of Analytical Chemistry, University of Madras, Chennai, India **2018**  
**Assistant professor**, Department of Organic Chemistry, Physical Sciences, SPMV **2018 to till date**

**Research Publications/Books:** International: **09**

#### Seminars/Conferences:

**Conferences:** International- 03 (Presented); National-02 (Presented).

**Symposium:** International- 01 (Presented); National- 01 (Presented)

**Seminars:** National-01 (Participated).

**Conferences/ Webinars Organized:** 03 (National)

#### Titles of Three (3) Best Publications (Last 5 Years):

1. Tuning aromatic unit bearing poly(ionic liquid) as a facile ion-exchanger system after being adsorbed with graphitic nano material for surface-confinement of ferricyanide ion and for versatile electrocatalytic application, *Journal of Physical Chemistry C* 123 (2019) 19637-19648.
2. Improved electrical wiring of glucose oxidase enzyme with an in-Situ immobilized Mn(1,10-Phenanthroline)<sub>2</sub>Cl<sub>2</sub>-Complex/multiwalled carbon nanotube-modified electrode displaying superior performance to Os-Complex for high-Current sensitivity bioelectrocatalytic and biofuel Cell Applications, In Revision, *ACS Applied Bio Materials* 1 (2018) 1758-1767.
3. A new organic redox species-Indole Tetraone trapped MWCNT modified electrode prepared by in-situ electrochemical oxidation of indole for a bifunctional electrocatalysis and simultaneous flow injection electroanalysis of hydrazine and hydrogen peroxide, *Electrochimica Acta* 268 (2018) 150-162.

#### Special Distinctions/Awards/ Honours(State/National/International only):

1. DST- SERB National Postdoctoral Research Fellow, IIT Madras, Chennai, India (**2019 Awarded**)
2. Postdoctoral Researcher position, University of Oulu, Oulu, Finland (**2018 Awarded**)
3. CSIR-Research Associate fellow ship (CSIR-RA), University of Madras, Chennai, India (**April to Dec 2018**)
4. Best Paper Award in 19<sup>th</sup> National Convention of Electrochemists, NIT Tiruchy, India (**2016**)
5. Project Assistant – DST-TSG Fellowship, VIT University, India (**Nov 2012 – Oct 2014**)
6. First Rank Holder- M.Sc. Analytical Chemistry, VIT University, India (**2012**)

(Dr. P. N. Mayuri)