

RESUME

Dr. Pavithra M.K.

Guest faculty,
Department of Chemistry,
Kuvempu University, Shankaraghatta 577 451,
Shimoga (Dist.), Karnataka

E-mail: novempavi@gmail.com

Mobile: +91 7899247624

Work Experience:

- Pursued Ph.D from the Department of Chemistry , Kuvempu University, Shankaraghatta during 2015.
- Worked as a Lecturer in the Department of Chemistry at Kuvempu University, Shankaraghatta from 20-08-2014 to till date (3 year 9 months) and from 16-08-2010 to 30-01-2012 (2 years 5 months).
- 1 year of teaching experience as Lecturer in the Department of Chemistry at Sri Adichunchanagiri First Grade College, Channarayapatna.

Subject Taught :

Electroanalytical techniques, electroorganic synthesis, photochemistry, electroplating, spectroscopy, chromatography, solvent extraction, environmental chemistry, co-ordination chemistry, statistical thermodynamics, nanotechnology and reaction kinetics.

Project Undertaken:

A project on “Synthesis and Characterization of Coumarines”

Academic Profile:

2012 –2015	PhD. (Chemistry)	Electrochemical and Quantum Mechanical Approach for the corrosion behaviour of Steel and Aluminium in presence of few selected Organic Compounds Advisor: Prof. T. V. Venkatesha Kuvempu University , Shankaraghatta Shimoga, Karnataka, India
2009-2010	MPhil. (Chemistry)	Corrosion Inhibition studies by Electrochemical methods Advisor: Prof. T. V. Venkatesha Kuvempu University , Shankaraghatta Shimoga, Karnataka, India
2006-2008	MSc. (Chemistry)	First Class with IV Rank (80.865%), Department of Chemistry, Kuvempu University , Shankaraghatta Shimoga, Karnataka, India

2003-2006	BSc. (Physics, Chemistry, Mathematics)	First Class with Distinction (82.25%), Sahyadri Science College Shimoga, Karnataka, India
2000-2002	PUC (Physics, Chemistry, Mathematics, Biology)	First Class (83.67%), Sri Bhakthanatha Swamiji PU College, B.G. Nagar, Nagamangala (Taluk), Mandya , Karnataka, India
1999-2000	SSLC	First Class with Distinction (93.12%) Sri Bhakthanatha Swamy High School, B.G. Nagar, Nagamangala (Taluk), Mandya , Karnataka, India

Research Publications:

1. **M.K. Pavithra**, T.V. Venkatesha, K. Vathsala, K.O. Nayana, *Corrosion Science* 52 (2010) 3811–3819.
2. **M.K. Pavithra**, T.V. Venkatesha, M.K. Punith Kumar, H.C. Tondan, *Corrosion Science* 60 (2012) 104–111.
3. **M.K. Pavithra**, T.V. Venkatesha, M.K. Punith Kumar, *International Journal of Electrochemistry* Article ID 714372 (2013) 1-9.
4. **Pavithra M. Krishnegowda**, Venkatarangaiah T. Venkatesha, Punith Kumar M. Krishnegowda, Shylesha B. Shivayogiraju, *Industrial and Engineering Chemistry Research* 52 (2013) 722–728.
5. **M. K. Pavithra**, T. V. Venkatesha, M. K. Punith Kumar, N. S. Anantha, *Research on Chemical Intermediates* 41 (2015) 5781–5796.
6. **M. K. Pavithra**, T. V. Venkatesha, M. K. Punith Kumar, K. Manjunatha, *Research on Chemical Intermediates* 41 (2015) 7163–7177
7. **M. K. Pavithra**, T. V. Venkatesha, M. K. Punith Kumar, N. S. Anantha, *Research on Chemical Intermediates* 42 (2016) 2409–2428
8. **Mudigere Krishnegowda Pavithra**, Thimmappa Venkatarangaiah Venkatesha, Mudigere Krishnegowda Punith Kumar, Nanjanagudu Subba Rao Anantha, *Journal of Electrochemical Science and Engineering* 5(2) (2015) 115-127 .
9. **Mudigere Krishnegowda Pavithra**, Thimmappa Venkatarangaiah Venkatesha, Mudigere Krishnegowda Punith Kumar and Nanjanagudu Subba Rao Anantha, *Journal of Electrochemical Science and Engineering* 5(3) (2015) 197-208.
10. **Mudigere Krishnegowda Pavithra**, Thimmappa Venkatarangaiah Venkatesha, Mudigere Krishnegowda Punith Kumar and Nanjanagudu Subba Rao Anantha, *Journal of Electrochemical Science and Engineering* 6(2) (2016) 175-185.
11. M.K. Punith Kumar, T.V. Venkatesha, **M.K. Pavithra**, A. Nithyananda Shetty, *Physica Scripta* 84 (2011) 1-10.
12. S.E. Nataraja, T. V. Venkatesha, K Manjunatha, Bhoja Poojari, **M.K. Pavithra**, H.C Tondon, *Corrosion Science* 53 (2011) 2651-2659.

13. M.K. Punith Kumar , T.V. Venkatesha, **M.K. Pavithra**, A. Nithyananda Shetty, *Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry*, 42 (2012) 1426-1434.
14. B. M. Praveen ,T. V. Venkatesha , K. G. Chandrappa ,S. E. Nataraja , M. K. Punith Kumara , S. Ranganatha , C. M. Praveen Kumar, P. Sarala , **M. K. Pavithra**, *Transactions of the Indian Institute of Metals*, 65(3) (2012) 297–302.
15. Shubha H.N, Venkatesha T.V, Vathsala K, Punith Kumar M.K, **Pavithra M.K**, *ACS Applied Materials & Interfaces* 5 (2013) 10738-10744.
16. Mudigere Krishnegowda Punith Kumar, Thimmappa Venkatarangaiah Venkatesha, Mudigere Krishnegowda Pavithra, *Journal of Electrochemical Science and Engineering* 5(1) (2015) 25-36.
17. M.K. Punith Kumar, T.V. Venkatesha, **M.K. Pavithra**, A. Nithyananda Shetty, *Journal of Materials Engineering and Performance*, 24 (2015) 1995–2004.
18. H.N. Shubha, T.V. Venkatesha, **M.K. Pavithra**, M.K. Punith Kumar , *Progress in Organic Coatings*, 90 (2016) 267-276.
19. Anantha N.S., Venkatesha T.V. Giridhar B.N., Shubha H.N., **Pavithra M.K.**, *Journal of Environmental Chemical Engineering*, 5 (2017) 4969-4979.
20. Prasanna B.M., Praveen B M, Narayan Hebbar, **Pavithra M K**, Manjunatha T. S. Malladi R S., *Surface and Interface Analysis*, (2018) Accepted.

Books:

Metallic corrosion inhibition by organic molecules

Authors: Pavithra M Krishnegowda, Venkatesha T Venkatarangaiah

Year of Publication: 2016

ISBN: 987-3-659-88863-2

Publisher: LAMBERT Academic Publishing, Germany

Seminars attended:

- Three days national Workshop on ‘Modern Electro-chemical techniques in synthesis and characterization of advanced materials’ on 5-7th September 2008 at NITK, Surathkal organized by TEQIP NITK Surathkal, Mangalore.
- National Conference on Recent Advances in Electroanalytical Techniques (RAET- 2010) on 25- 26th February -2010 at Gandhigram Rural Institute organized by Dept. of Chemistry, Gandhigram Rural Institute - Deemed University, Gandhigram, Tamilnadu
- Electrochemical techniques for nanoscale surface engineering (ECTNSE-2012) organized by materials processing division Baba atomic research centre (BARC) Trombay, Mumbai.
- Social relevance of chemical sciences (SRCS-2011), Department of Chemistry, Kuvempu University, 26 - 27th March – 2011.

- Special Lecture Series in Chemistry, Department of Chemistry, Kuvempu University and Karnataka Science and Technology Academy (GOK), 15 - 17th November – 2011

Personal Profile:

Name: Dr. Pavithra M.K.

Date of birth: 01-11-1984

Father's Name: Krishne Gowda .T

Marital status: Married

Caste: Hindu, Vokkaliga

Linguistic Ability: Kannada, English, Hindi

Present Address: W/O Devaraj S., Bhyraveshwara Nilaya,

Hebbandi, Kadadakatte (Po.) Bhadravathi (Tq.) Shimoga (Dist.)
Karnataka.