

RESUME

VINUTHA M R

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OBJECTIVES

Seeking a position to utilize my skills and abilities in the research arena that offers professional growth and opportunities to up gradation of my skills and to become a skilled Chemistry Professional by playing a important role in overall growth of the organization. I would like to utilize knowledge in order to learn how to be an educationist who makes a mark on the rejuvenated minds of the students.

ACADEMIC CREDENTIALS

Year of Passing	Educational details	
2019	Ph.D (Chemistry)	Title of the work: “Application of Zn electroplating bath brighteners and surfactants as corrosion inhibitors for steel”. Research Supervisor: Late.Prof.T.V.Venkatesha & Prof.J.Keshavayya Department of Chemistry, Kuvempu University Shankaraghatta, Shimoga, Karnataka,India-577 451
2009	M.Sc (Chemistry)	First Class with 6th Rank (80.04%) Department of Chemistry, Kuvempu University Shankaraghatta,Shimoga,Karnataka, India -577 451
2007	B.Sc (PCM)	First Class with Distincion (86.34%) Department of Chemistry, Sahyadri Science College, Shimoga,Karnataka, India -577 203
2004	PUC (PCMB)	First Class (81.5%) Paper Town Junior college, Paper Town Bhadravthi, Karanataka,India-577302
2002	SSLC	First Class with Distincion (88%) Paper Town High School, Paper Town Bhadravthi, Karanataka,India-577302

ACHIEVEMENTS:

- ❖ Received Basic Scientific Research (BSR) fellowship from University Grants Commission (UGC) New Delhi, India.
- ❖ Received **Sixth Rank** for securing highest marks in post graduate studies in Chemistry.

PROJECTS/ACTIVITIES:

- ♣ During Master Degree in Chemistry -Synthesis of 3, 9, 16, 23-Tetra Alkyl and Aryl [1, 3, 5]-Oxadizole Substituted Copper (II) Pthalocyanines at Department Of Chemistry, Kuvempu University-577451
- ♣ During Bachelor Degree in Science - Social Research Project Entitled “ Youth &National Infrastructural Development With Special Reference To The Linking Of Railway Line Between Harihara & Shimoga” Conducted Under Pathways Project (A Ford Project Sponsored By FAEA, New Delhi) During The Year 2006-2007.

INSTRUMENT HANDLED:

- ✓ CHI660C workstation
- ✓ UV-Visible Spectrometer
- ✓ FT-IR.

SKILLS AND SOFTWARES:

- Microsoft Office programs.
- ChemDraw, Chem-sketch
- Origin 6 and Origin 8.5
- Quantum Chemical Softwares (HyperChem & Firefly)

WORK EXPERIENCE:

- ❖ Working as Research Scholar at Department of Chemistry, Kuvempu University, Shankaraghatta from 01/01/2014. Since then I am serving as Postgraduate Teaching Associate by taking theory practical classes. Co-supervision of postgraduate students with their dissertation research projects.
- ❖ Lecturer in the Department of Chemistry at Kuvempu University,

Shankaraghatta from August 2012 to December 2013 (1 year 5 months).

- ❖ Lecturer in the Department of Chemistry at Arakalagodu Varadarajulu Kantamma College for women, Hasssan during the academic year 2010-11.
- ❖ As a Lecturer in the Department of Chemistry at Sri Adichunchanagiri Pre-University College, Bhadravathi during the academic year 2009-10.

PUBLICATIONS:

1. **M. R. Vinutha**, T. V. Venkatesha and C. Nagaraja, Anticorrosive ability of electrochemically synthesized 2,2'-disulfanediyl dianiline for mild steel corrosion: electrochemical and thermodynamic studies, International Journal of Industrial Chemistry, 2018, <https://doi.org/10.1007/s40090-018-0149-0>
2. **M.R.Vinutha , T.V.Venkatesha and Vinayak bhat** The Inhibitory Effect Benzyl Nicotinate for Corrosion of Cold Rolled Steel in 1M HCl Solution, Portugaliae Electrochimica Acta 35 (5), 2017, 253-268
3. Kallappa Deepa, Thimmappa Venkatarangaiah Venkatesha, Chandrakanth Nagaraja, **Mutugadahalli Rangaswamy Vinutha**, Electrochemical Corrosion Studies of Zn-CuO and Zn-NiO-CuO Composite Coatings on Mild Steel, Anal. Bioanal. Electrochem., Vol. 9, No. 3, 2017, 374-389.
4. **M. R. Vinutha** and T. V. Venkatesha, Review on Mechanistic Action of Inhibitors on Steel Corrosion in Acidic Media, Portugaliae Electrochimica Acta 34 (3), 2016, 157-184.
5. **Mutugadahalli Rangaswamy Vinutha, Thimmappa Venkatarangaiah Venkatesha**, Thermodynamic, adsorption and corrosion inhibitive behaviour of benzyl nicotinate on cold rolled steel in sulphuric acid solution, J. Electrochem. Sci. Eng. 5(3), 2015, 209-220.

RESEARCH WORK PRESENTED AT THE CONFERENCE:

1. **M.R.Vinutha, T.V.Venkatesha** Corrosion inhibition & adsorptive behavior of cycloheximide drug on mild steel corrosion in acidic environment. International Conference on Nanotechnology (ICNano-2016) held during 21-23rd April 2016 at VTU Center for PG Studies, Muddenahalli, Chikkaballapur.
2. **M.R.Vinutha, T.V.Venkatesha** Electrochemically synthesized novel disulphide compound as an inhibitor for mild steel corrosion in 1M HCl. International

Conference on Recent Advances in Materials and Chemical Sciences (ICRAMCS-2015) held on 14-15th December 2015 at Ghandhigram Rural Institute, Ghandigram, Tamil Nadu.

3. **M.R.Vinutha, T.V.Venkatesha** Thermodynamic, adsorption and corrosion inhibitive behaviour of benzyl nicotinate on cold rolled steel in sulphuric acid solution. National Conference on “Recent Trends in Novel Carbon Materials” held on 22nd September 2015 at Field Marshal K.M. Cariappa College, Madikeri. (Secured 2rd Prize).
4. **M.R.Vinutha , T.V.Venkatesha** , The Inhibitory Effect Benzyl Nicotinate for Corrosion of Cold Rolled Steel in 1M HCl Solution, First National Conference on “Present Scenario of Chemical Science and Its Technological Perspectives ” held on 10-11th October 2014 at Karanatak Science College, Dharwad. (Secured 1st Prize).

CONFERENCE/SEMINAR/LECTURE SERIES ATTENDED:

1. Attended two days National Seminar on Recent Developments in Nano Materials and their Applications held on 18-19th March 2016 at Department of Physics, Kuvempu University, Shankaragatta, Shimoga.
2. Attended UGC Sponsored Two days National Conference on "Recent Advances in Chemical Science Research" (RACSR-2015)” held on 14th and 15th March 2015 at Department of Chemistry, Kuvempu University, Shankaragatta, Shimoga.
3. Attended a UGC Sponsored One Day National Conference on “Advanced Instrumental Methods of Chemical Analysis (AIMCA)” held on 14th February 2015 at A.V.Kamalamma College for Women, Davanagere.
4. Attended a workshop on Eighth School of Analytical Chemistry (SAC-8) held during 14-21 April 2014 at CSIR-National Metallurgical Laboratory, Tatanagar, Jamshedpur.

PERSONAL DETAILS:

Name	: Vinutha M R
Father's Name	: Rangaswamy M G
Mother's Name	: Geetha G

Date of Birth : 27/10/1986
Sex : Female
Nationality : Indian
Language Known : English, Hindi and Kannada.
Permanent address : Vinutha M R D/O Rangaswamy M G
50, Vishwas Houing Society,
Right Side of Umblebile Road, Bommanakatte
Bhadravathi [Taluk], Shimoga [District]
Karnataka, India - 577 427

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Yours Sincerely

Place: Bhadravathi

(*Vinutha M R*)