

## Resume

### Present address

**Dr. Vinay. M. M**

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### Permanent address

**Vinay. M. M**

s/o Mallikarjunaiah. M. C

Neethigere, 577 215

Channagiri (T),

Davanagere (D).

### Educational qualification

Qualification	Name of School/college/university	Year of passing	Subjects studied	Class obtained	% of marks
SSLC	Sri. H. Siddaiah High School, Neethigere.	MAR-2003	Kannada, English, Hindi, Social science, Science, Mathematics.	1 <sup>st</sup> Class	63.68 %
PUC	Govt. S.J.V.P. PU College, Santhebennur.	May-2005	Kannada, English, Phycics, Chemistry, Mathematics, Biology.	2 <sup>nd</sup> Class	59.16%
B.Sc	Sri. Shivalingeshwara First Grade College, Channagiri.	JUN-2008	Phycics, Chemistry, Mathematics.	Distinction	79.41 %
M.Sc	Kuvempu University Shankaraghatta, Shimoga.	JUL-2010	Chemistry	A-Grade	74.40 %
GATE	IIT- Kharagpur	MAR-2014	Chemistry	PASS All India Rank-1120	

				(roll no: CY102801066)	
<b>GATE</b>	IIT-Kanpur	MAR-2015	Chemistry	PASS <b>All India Rank-2448</b> (Reg. no: CY11049S1035)	-
<b>UGC-NET</b>	CSIR-HRDG	JUN-2014	Chemical Science	<b>37<sup>th</sup> rank</b>  (roll no: 152397)	
<b>K-SET</b>	MYSORE UNIVERSITY	2017	Chemical science		
<b>PhD Course work exam</b>	KUVEMPU UNIVERSITY	2015	Chemistry	PASS (Reg no: PHS15330)	77%
<b>Ph.D.</b>	KUVEMPU UNIVERSITY	FEB-2021	Chemistry (Physical Chemistry) Title : “DEVELOPMENT OF ELECTROCHEMICAL SENSORS FOR THE INVESTIGATION OF ANTI-PYRETICS AND ANTI-BACTERIAL DRUGS IN PHARMACEUTICALS AND REAL SAMPLES”	-	-

- **Teaching experience = 13 years (till....)**
- **Research papers published in International Journals = 04**
- **Total research papers (including author and co-author) = 14**
- **Research Papers presented (POSTER and ORAL) in National /International Journals = 04**
- **Conference / Workshop Attended = 12**

### Teaching Experience: Total number of years

Sl.No.	Name of the Degree College/University Served	Period of Service		
		From (Mention Date)	To (Mention Date)	No. of Years served
1.	Shree Shree Shivalingeshwara Swamy Govt. First Grade College and PG Centre, Channagiri.	2010 (16.08.2010)	2012 (14.05.2012)	<b>2 Years</b>
2.	Shree Shree Shivalingeshwara Swamy Govt. First Grade College and PG Centre,Channagiri.	2012 (01.08.2012)	2013 (30.01.2013)	<b>5 months</b>
3	Shree Shree Shivalingeshwara Swamy Govt. First Grade College and PG Centre, Channagiri.	2013 (04.07.2013)	2014 (08.01.2014)	<b>7 months</b>
4	Department of Chemistry, Kuvempu University	2014-Feb	2020-Feb	<b>6 years</b> (PhD work + Teaching)
5.	Department of Chemistry Kuvempu University	2020-Nov	Till	<b>4 years+</b> (Full time)
<b>Total number of teaching experience = 13 years</b>				

**Project guided: Total number of project guided = 66 (MSc Students)**

### **Brief Details:**

I completed **MSc., CSIR-UGC-NET., K-SET., GATE (2014 & 2015),, PhD.** Now I am very interesting to work with your reputed institute. I assure will take this opportunity to work hard. Kindly go through my resume. So, if you have interested in my resume please contact me.

**Thank you**

### **Research Papers**

#### **Research Papers published in international journals**

1. **M. M Vinay**, Y. Arthoba Nayaka, Iron oxide ( $\text{Fe}_2\text{O}_3$ ) nanoparticles modified carbon paste electrode as an advanced material for electrochemical investigation of paracetamol and dopamine, **Journal of Science: Advanced Materials and Devices**, 4 (2019) 442-450.
2. **Vinay M. M**, Y. Arthoba Nayaka, Purushothama H. T, Yathisha R. O, Basavarajappa K. V, Manjunatha P, OH functionalized Multi-Walled Carbon Nanotube modified electrode as electrochemical sensor for the detection of Aceclofenac, **International Journal of Environmental Analytical Chemistry**, (2019), DOI: 10.1080/03067319.2019.1625343.
3. **Matad Mallikarjunaiah Vinay**, Yanjerappa Arthoba Nayaka, Kempugonapla Virupakshappa Basavarajappa, Puttaiah Manjunatha, Hanumasagara Thimmappa Purushothama, and Rangapura Onkarappa Yathisha, Development of Single Walled Carbon Nanotube-Molybdenum Disulfide Nanocomposite/Poly-ethylene Glycol Modified Carbon

Paste Electrode as an Electrochemical Sensor for the Investigation of Sulfadiazine in Biological Samples, **Analytical and Bioanalytical Electrochemistry**, 12 (2020) 155-167.

4. **M. M. Vinay** Y. Arthoba Nayaka, R. O. Yathisha, K. V. Basavarajappa, P. Manjunatha, H. T. Purushothama, Development of Azure-B modified pencil graphite electrode as an electrochemical sensor for the investigation of Levofloxacin in pharmaceutical and biological samples, **Chemical Data Collections**, 28 (2020) 100441.
5. Purushothama H. T., Y. Arthoba Nayaka, Basavarajappa K. V., Yathisha R. O., Manjunatha P., **Vinay M. M.**, An electrochemical study of Atenolol using Patton and Reeder's modified pencil graphite electrode as an electrochemical sensor, **International Journal of Environmental Analytical Chemistry**, (2019), DOI: 10.1080/03067319.2019.1667989.
6. H.T. Purushothama, Y. Arthoba Nayaka, P. Manjunatha, R.O. Yathisha, **M.M. Vinay**, K.V. Basavarajappa, Electrochemical determination of Chlorpromazine using l -Cysteine modified carbon paste electrode, **Chemical Data Collections**, 23 (2019) 100268.
7. R.O. Yathisha, Y. Arthoba Nayaka, H.T. Purushothama, P. Manjunatha, K.V. Basavarajappa, **M.M. Vinay**, Investigation the influence of Zn<sup>2+</sup> doping on the photovoltaic properties (DSSCs) of MgO nanoparticles, **Journal of Molecular Structure**, 1217 (2020)128407.
8. Dyamanna Thippeswamy, Yanjerappa Arthoba Nayaka, **Matad Mallikarjunaiah Vinay**, Effect of Vanadium Pentoxide (V<sub>2</sub>O<sub>5</sub>) on the Corrosion Protection Performance of Zn-Mn-V<sub>2</sub>O<sub>5</sub> Composite Coating on Mild Steel, **Analytical and Bioanalytical Electrochemistry**, 11 (2019) 396-406.
9. H.T. Purushothama, Y. Arthoba Nayaka, **M.M. Vinay**, P. Manjunatha, R.O. Yathisha, K.V. Basavarajappa, Pencil graphite electrode as an electrochemical sensor for the voltammetric determination of chlorpromazine, **Journal of Science: Advanced Materials and Devices**, 3 (2018) 161-166.
10. P. Manjunatha, Y. Arthoba Nayaka, H. T. Purushothama, R. O. Yathisha, **M. M. Vinay**, Single-walled carbon nanotubes-based electrochemical sensor for the electrochemical investigation of pantoprazole in pharmaceuticals and biological samples, **Ionics**, 25 (2019) 2297-2309, <https://doi.org/10.1007/s11581-018-2624-1>.

11. K.V. Basavarajappa, Y. Arthoba Nayaka, H.T. Purushothama, R.O. Yathisha, **M.M. Vinay**, B.J. Rudresha, K.B.Manjunatha, Optical, electrochemical and current-voltage characteristics of novel coumarin based 2,4-dinitrophenylhydrazone derivatives, **Journal of Molecular Structure**, 1199 (2020) 126946.
12. R.O. Yathisha, Y. Arthoba Nayaka, P. Manjunatha, H.T. Purushothama, **M.M. Vinay**, K.V. Basavarajappa, Study on the effect of Zn<sup>2+</sup> doping on optical and electrical properties of CuO nanoparticles, **Physica E: Low-dimensional Systems and Nanostructures**, (2018) doi: 10.1016/j.physe.2018.12.021.
13. R.O. Yathisha, Y. Arthoba Nayaka, P. Manjunatha, **M.M. Vinay**, H.T. Purushothama, Doping, structural, optical and electrical properties of Ni<sup>2+</sup> doped CdO nanoparticles prepared by microwave combustion route, **Microchemical Journal**, (2018) <https://doi.org/10.1016/j.microc.2018.10.060>.
14. Mahesh Bhaskar Hegde, Kikkeri Narasimha Shetty Mohana, Ambale Murthy Madhusudhana, **M M Vinay**, Y Arthoba Nayaka, Ningappa Kumara Swamy, Fabrication of reduced graphene oxide/ruthenium oxide modified graphite electrode for voltammetric determination of tryptophan, **Graphene and 2D Materials Technologies**, (2021).

**Research Papers presented (POSTER and ORAL) in National / International Journals = 04**

1. **Vinay M M**, Y. Arthoba Nayaka, Development of Fe<sub>2</sub>O<sub>3</sub> nanoparticles modified carbon paste electrode for the voltammetric investigation of Paracetamol. Conference on “35<sup>TH</sup> ANNUAL NATIONAL CONFERENCE OF INDIAN COUNCIL OF CHEMISTS” held on 22<sup>nd</sup> to 24<sup>th</sup> December, 2016 at Haribhai V. Desai College, Pune in association with College of Engineering, PUNE. ([Oral presentation selected as Contestant for Young Scientist Award](#)).
2. **Vinay M M**, Y. Arthoba Nayaka, Purushothama H. T , Yathisha R. O Electrochemical investigation of Paracetamol using iron oxide nanoparticle modified carbon paste electrode”. International Conference on “NANOTECHNOLOGY : THE FRUITION OF SCIENCE

(ICON-2017)”held on 15<sup>th</sup> and 16<sup>th</sup> February,2017 at Nesamony Memorial Christian College, Marthandam-629165, TAMIL NADU, India. **(Poster presentation)**.

- 3. Vinay M M, Y. Arthoba Nayaka, Manjunatha P, Purushothama H. T , Yathisha R. O** “Fe<sub>2</sub>O<sub>3</sub>-nanoparticles modified carbon paste electrode for the voltammetric investigation of Aspirin” International Conference on “GREEN CHEMISTRY AND NANOTECHNOLOGY OPPORTUNITIES AND CHALLENGES 2017’’, organized by the Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra held on 27<sup>th</sup> and 28<sup>th</sup> February 2017. **(Poster presentation)**.
- 4. Vinay M M, Y. Arthoba Nayaka, Basavarajappa K V,** “Electrochemical investigation of Paracetamol and Dopamine using iron oxide nanoparticle modified carbon paste electrode” Two Days National Conference on “RECENT ADVANCES IN CHEMICAL BIOLOGY AND MATERIAL SCIENCE FOR INDUSTRY AND SOCIETY” (RACBMS-2018), held on 9<sup>th</sup> and 10<sup>th</sup> February 2018 at Department of Post Graduate studies and Research in Industrial Chemistry, Jnanasahyadri, Kuvempu University, Shankaraghatta-577451, Shimogga, Karnataka **(Poster presentation)**.

### **Conference / Workshop Attended**

- 1. Attended UGC Sponsored One Day NationalSeminar on “GREEN CHEMISTRY-NEED OF THE UNIVERSE”** held on 28<sup>th</sup>February, 2015 at Shri ShriShivalingeswara Swamy Govt. First Grade College and Post Graduate Centre, Channagiri-577213, Davanagere Dist. Karnataka.
- 2. Attended the Two Days National Conference on “RECENT ADVANCES IN CHEMICAL SCIENCE RESEARCH”** organized by Department of post graduate Studies and Research in Chemistry, Kuvempu University, Shankaraghatta-577451, Shimoga during 14<sup>th</sup> and 15<sup>th</sup>, March-2015.
- 3. Attended Two Days International Conference on “CHEMISTRY FOR RENEWABLE ENERGY (ICCRE-2016)”** held on 25<sup>th</sup> and 26<sup>th</sup> February 2016 at Bishop Heber College (Autonomous), Tiruchirappalli – 620 017, TAMIL NADU, India.

4. Attended One Day National Level Seminar on “**ADVANCES AND CHALLENGES IN BIOLOGICAL RESEARCH**” held on 17<sup>th</sup> March 2016 at Kuvempu University, Shankaraghatta, SHIMVAMOGA-577451, India.
5. Attended Two Days National Seminar on “**RECENT DEVELOPMENT INNANO MATERIALS AND THEIR APPLICATIONS**” held on 18<sup>th</sup> and 19<sup>th</sup> March 2016 at Kuvempu University, Shankaraghatta, SHIVAMOGA-577451.
6. Attended the One Day National Conference on “**CHEMICAL AND BIO-CHEMICAL ASPECTS IN PHARMACEUTICAL APPLICATIONS (NCCBAPA-2016)**” held on 23<sup>rd</sup> April 2016 organized by the Department of Chemistry, Kuvempu University, Post Graduate Centre, KADUR.
7. Attended Two Days 9<sup>th</sup> KSTA Annual Conference on “**SCIENCE, TECHNOLOGY AND INNOVATIONS IN THE 21<sup>ST</sup> CENTURY**” jointly organized by Karnataka Science and Technology Academy and Christ University held during 20<sup>th</sup> and 21<sup>st</sup> December 2016, Christ University, BENGALURU.
8. Attended “**35<sup>th</sup> ANNUAL NATIONAL CONFERENCE OF INDIAN COUNCIL OF CHEMISTS**” held on 22<sup>nd</sup> to 24<sup>th</sup> December, 2016 at Haribhai V. Desai College, Pune in association with College of Engineering, PUNE.
9. Attended Two Days International Conference on “**NANOTECHNOLOGY : THE FRUITION OF SCIENCE (ICON-2017)**” held on 15<sup>th</sup> and 16<sup>th</sup> February, 2017 at Nesamony Memorial Christian College, Marthandam-629165, TAMIL NADU, India.
10. Attended Two Days International Conference on “**GREEN CHEMISTRY AND NANOTECHNOLOGY OPPORTUNITIES AND CHALLENGES 2017**”, organized by the ST Aloysius College (Autonomous), Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra, Mangaluru-575003 held on 27<sup>th</sup> and 28<sup>th</sup> February 2017.
11. Attended Two Days 10<sup>th</sup> KSTA Annual Conference of “**KARNATAKA SCIENCE, TECHNOLOGY ACADEMY-2018**” jointly organized by Karnataka Science and Technology Academy and REVA University held during 18<sup>th</sup> and 19<sup>th</sup> January 2018, Christ University, BENGALURU.
12. Attended Two Days National Conference on “**RECENT ADVANCES IN CHEMICAL BIOLOGY AND MATERIAL SCIENCE FOR INDUSTRY AND SOCIETY**”



(RACBMS-2018), held on 9<sup>th</sup> and 10<sup>th</sup> February 2018 at Department of Post Graduate studies and Research in Industrial Chemistry, Jnanasahyadri, Kuvempu University, Shankaraghatta-577451, Shivamoga, Karnataka.

**DECLARATION**

I hereby declare that all the statements made in the application are true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information being found untrue/false/incorrect or I do not satisfy the eligibility criteria, my application may be rejected. I have read the contents of the advertisement and agree to abide by the rules and procedures for appointment to the post applied for.

Date :

VINAY M M

Place : Shankaraghatta

(Signature of the Applicant)