

CURRICULUM VITAE

1. **Name** : **Dr. J. SEETHARAMAPPA**
2. **Date of birth** : 1-9-1961
3. **Qualification**
 - B.Sc (PCM) : June 1982 (I Class), University of Mysore, Mysore
 - M.Sc (Inorganic Chemistry) : June 1984 (I Class), University of Mysore, Mysore
 - Ph.D : 11th January 1989, University of Mysore, Mysore
4. **Positions held**
 - a) Lecturer in Chemistry : 27th Aug. 1990- 26th Aug. 1995.
 - b) Lecturer (Senior Scale) : 27th Aug. 1995- 15th July 1997.
At Karnatak University, Dharwad.
 - c) Lecturer (Senior Scale) : 16th July 1997- 26th Aug. 1999
 - d) Reader : 27 -8-1999 to 26-8-2007
 - e) Professor : 27-8-2007 to till date
5. **Contact details** : Dr. J. Seetharamappa, Dept of Chemistry,
Karnatak University, Dharwad-580 003, India
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E-mail: jseetharam97@gmail.com
6. **Teaching Experience**
 - ❖ Teaching M.Sc (Inorganic Chemistry) course since 16-7-1997 at Karnatak University, Dharwad
 - ❖ Taught M. Sc. Ed (Chemistry) and B. Sc.Ed courses during Sep.1987 to July 1997 at Regional College of Education (NCERT), Mysore
7. **Position/ Responsibility at KUD**
 - ❖ 1) Director, University Scientific Instrumentation Facility(USIC) since Sep.2018.
 - ❖ 2) Head, Sophisticated Analytical Instrument Facility(SAIF): Rs 5.5 crores Project funded by DST, since Oct.2017.
 - ❖ Responsible for the sanction of Rs 67,50,216/- to SAIF, KU, Dharwad, by DST, New Delhi, during 2020-21
8. **Research Interests**
 - ❖ **Bio-analytical Chemistry and Chemical Biology:** We are interested in the investigation of the interactions of bioactive compounds with macromolecules (proteins and DNA) by spectroscopic (UV-vis absorption, spectrofluorometric, circular dichroism, FTIR) and electrochemical techniques to understand the binding mechanism and to evaluate the binding and thermodynamic parameters. This sort of study assumes importance since the effectiveness of a drug as a

pharmaceutical agent depends upon its binding capacity to serum albumins as they are chiefly responsible for delivering the drugs to their target organs. We are also studying the effects of common ions on selected drug-protein interactions besides the Fluorescence Resonance Energy Transfer.

❖ The investigation based on DNA interactions with small molecules is important to understand the reaction mechanisms of some drugs, design new DNA-targeted drugs and screen these drugs *in vitro*.

❖ **Electrochemistry:** We are fabricating the nanomaterial including graphene based electrochemical sensors for analytical applications and binding applications.

❖ **Analytical Chemistry:** Development and validation of chromatographic methods for the assay of drugs in bulk samples, pharmaceutical formulations and biological samples.

9. Research Projects

In progress: UGC-BSR Mid-Career Award Grant of Rs 10.0 lakhs to be utilized in 2 years from 27-1-2020.

Completed:

(1) **UGC** Major Research Project entitled “Insights into the interaction of the serum protein with bioactive heterocyclic compounds: Spectroscopic and electrochemical approach” (Ref.No. F.No. 43-205/2014(SR)dated18-8-15)from 1-7-15 to 30-6-18, as PI.

(2) **“Antitumor activity: an integrated approach”** a focused area of UPE program sanctioned by UGC, New Delhi [F. No. 14-3/2012 (NS/PE) dated 14-03-2012] for 5 years as one of the Investigators.

(3) **BRNS**, Department of Atomic Energy, BARC, Mumbai, funded a Major Research Project entitled “Graphene based electrochemical sensors for analytical applications and characterization of binding mechanism of human serum albumin with bioactive compounds”(ref. No. 2012/37C/8/BRNS/637 dated 28-5-12) from 24-8-12 to 30-9-15, as PI.

(4) **CSIR** Major research project entitled “Mechanistic and conformational aspects of interactions of macromolecules with compounds of biological importance: Spectroscopic and electrochemical studies” (ref. No.01(2279)/08/EMR-II dated 20-11-2008) during 2008-2011, as PI.

(5) **UGC** Major Project entitled “Nanomaterial enhanced biosensing of the interaction of bioactive compounds with DNA and its analytical applications” during 01/02/2009 to31/1/2012(No.F.34-374/2008(SR)dated 30-12-08)as PI.

(6) DST Major Research Project entitled “Spectroscopic investigations on the interaction of bovine serum albumin with selected model compounds: a study on binding parameters and quenching mechanism” during 2002-05(Ref: SP/S1/H-38/2001), as PI.

(7) Research Project funded by Karnatak University during 1999-2000, as PI.

(8)In Progress: Head, Sophisticated Analytical Instrumentation Facilities (**SAIF**) sanctioned by DST, New Delhi, at Karnatak University, Dharwad (2014-2019)

10. Postdoctoral Experience

- At Department of Chemistry, University of Ioannina, Ioannina, **Greece**, during March 2004 to Sep.2004
- At Department of Chemistry, Wichita State University, Wichita, Kansas, **USA**, during March 2006 to June 2006
- At Center for Biomolecular Sciences, University of St Andrews, St Andrews, **UK**, during 2nd Oct.2006 to April 2007

11. Awards/Distinctions

- ❖ Sir C V Raman Young Scientist State Award in Chemical Sciences for 2011 by the Govt of Karnataka.
- ❖ Best Research Paper Award-2012 by VGST, Govt of Karnataka.
- ❖ Smt Aruna-Nandibewoor Best Researcher Award in Science and Technology for 2012 by Karnatak University, Dharwad.
- ❖ Commonwealth Fellowship, UK during Oct.2006 to April 2007
- ❖ The State Foundation Scholarship (IKY) to pursue Postdoctoral Studies in Greece
- ❖ The Summer Fellowship-2003 by Indian Academy of Science, Bangalore
- ❖ **Five** Ph.D students were awarded Young Scientist awards (**two** of them by the Indian Chemical Society; **two** at National Conferences for their best papers and one at 32nd ICC conference-2013)
- ❖ **13 Awards** were bagged by **8 Ph.D** students for oral and poster presentations at National/International conferences

Award for Top Cited Papers 2021 of Journal of Pharmaceutical Analysis (**Paper:**Interaction of repaglinide with bovine serum albumin: Spectroscopic and molecular docking approaches, Journal of Pharmaceutical Analysis, **9** (2019) 274-283, doi.org/10.1016/j.pha.2019.03.007

12. **Ph. D guidance** ❖ **Twenty one** students have been awarded Ph.D degree and **two** students are currently working.
13. **Total no. of : Research Papers: 160**
Research papers and Total No. of Citations:4351; h-Index:34;
citations i10-index:91
Top 20 Articles in the Domain of Article 17017889
in BIOMED LIB SINCE 2006.
 Application of phenothiazine derivatives and other compounds for the determination of metals in various samples [Seetharamappa J, Motohashi N, Kovala-Demertzi D;Curr Drug Targets;2006 Sep;7(9):1107-21].
14. **Chapters in ❖ Book Chapters:(1).**Bioactive mechanism of interaction between anthocyanins and macromolecules like DNA and proteins” in a **Book** on “Topics in Heterocyclic Chemistry: Bioactive Cycles VI”, published by **Springer**, 2008, 49-65 (ISBN 978-3-540-79217-8).
- (2).Electrochemical, Bioactive Mechanism of Interaction and Analytical Studies of Anthocyanins and Related Compounds” in a Book “Anthocyanins: Structure, Biosynthesis and Health Benefits” published by **NOVA Publishers, NY, USA** (ISBN 978-1-62257-329-5), 2012.
- (3). Occurrence and health benefits of alkaloids and vitamins and their affinities to plasma proteins in a Book on “Occurrences, Structure, Biosynthesis, and Health Benefits Based on Their Evidences of Medicinal Phytochemicals in Vegetables and Fruits” for Volume 3. Nova Science Publishers, NY, USA. (J. Seetharamappa, Sandhya B. Nagappa L Teradal, Noboru Motohashi), 2015, pp 139-200 (**ISBN: 978-1-63482-710-2**).
- (4). Molecular interaction studies of polyphenols with DNA in a Book on “Occurrences, Structure, Biosynthesis, and Health Benefits Based on Their Evidences of Medicinal Phytochemicals in Vegetables and Fruits” for Volume 4. Nova Science Publishers, NY, USA, (J. Seetharamappa, Veerendra Kumar A. K, Suma Pawar, Ranjita Tandel, Noboru Motohashi) 2015, pp(**ISBN: 978-1-63482-804-8**).
- (5) Electrochemical studies of antioxidants in a Book on “Occurrences, Structure, Biosynthesis, and Health Benefits Based on Their Evidences of Medicinal Phytochemicals in Vegetables and Fruits” for Volume

Nova Science Publishers, NY, USA., J.Seetharamappa, Ranjita Tandel, Suma Pawar, Ayyapayya S Mathad, Noboru Motohashi (ISBN:978-1-63485-296-8.

(6) “Green revolution in nanotechnology: Sustainable preparation of nanoparticles from phytochemicals and their applications” in a book Occurances, structure, biosynthesis based on their evidences of medicinal phytochemicals in vegetables and fruits for Volume 9, Nova Science Publishers, NY, USA. 2018. Roopa S Naik, J. Seetharamappa, Noboru Motohashi, (ISBN:978-1-53613-996-9.

(7) “Medicinal phytochemicals and health effects of Chimonanthus praecox (Wintersweet) based on their evidences” in a book Occurances, structure, biosynthesis based on their evidences of medicinal phytochemicals in vegetables and fruits for Volume 9, Nova Science Publishers, NY, USA. 2018. Noboru Motohashi, Jaldappagari Seetharamappa and Roopa S. Naik, Volume 9, Nova Science Publishers, NY, USA.2018 (ISBN:978-1-53613-996-9).

(8) “Medicinal phytochemicals as potent anticancer and antidiabetic agents” in a book edited by Noboru Motohashi on Natural anti-aging plants and delay of senescence for Volume 10, Nova Science Publishers, NY, USA, 2019, Roopa S Naik, J. Seetharamappa, Noboru Motohashi

(9) “ Aging and Hormones (Antiaging Hormones) ” in a book edited by Noboru Motohashi on *Natural anti-aging plants and delay of senescence* FOR Volume 10, Nova Science Publishers, NY, USA, 2019. Noboru Motohashi and J. Seetharamappa

(10) CURCUMA LONGA: A Study on analytical and biological aspects, Roopa S Naik, Seetharamappa J. and Noboru Motohashi, Phytochemicals and their functionalities from Medicinal plants, Vol 1, Cambridge Scholars Publishing Ltd. Cambridge, UK, 2021.

15. Winter School/Training

- ❖ **Editor:** A hand book on Science Club Activities
- ❖ (1) Winter School in Bioinorganic Chemistry conducted by IIT Bombay, Mumbai during 17th –30th Nov. 2007.
- (2) Regional Training Programme on Analytical

Chemistry conducted by UNESCO and IIT Madras, during Nov.-Dec. 1999.

16. Life Membership of professional bodies

1) Indian Chemical Society 2) Indian Society of Analytical Scientists, 3) Indian Association of Nuclear Chemists and Allied Scientists, 4) Indian Society for Radiation and Photochemical Sciences, 5) Society for Polymer Science 6) Indian Council of Chemists and 7) American Nano Society

17. Conferences/ Seminar/ Symposium attended

❖ **Nineteen**

18. Chairing of Technical Sessions

- ❖ Chaired the oral presentation at national conference on Recent Trends in Chemistry held at PES College, Mandya, 16-17, Sep.2011.
- ❖ Chaired the oral presentation at International Conference on recent advances in Chemistry held at Karnatak University & Indian Chemical Society, during 23-27, Nov.2008.
- ❖ Chaired the session at 32nd Annual Conference of Indian Council of Chemists held at Karnatak University during 28-30, Nov.2013.

19. Other information

- ❖ Worked as a Resource Person for Review and Finalization of draft syllabus of Four year integrated Bachelor of Science Education course of RIEs on 19th and 20th January 2015.
- ❖ Coordinator: Special lecture Series (Chemical Science) funded by KSTA, Bengaluru, 9-10, Oct.2017.
- ❖ Convener, Celebration of 150 years of Periodic Table, 11-2-2020.

LIST OF RESEARCH PUBLICATIONS

No	Title of the paper	Authors	Journal	Impact factor	Citation
1	Electrochemical sensor based on graphene oxide nanoribbons for the determination of a flavone in biological samples	<u>Ranjita D Tandel</u> , Roopa S Naik, J. Seetharamappa Ashis K Satpati	IANCAS Bulletin, Electrochemistry over Functionally Modified Interfaces(Editor: S.K. Gupta), Vol XVI, No.1, 11- 23, 2021	-	-
2	Spectral and computational attributes: Binding of a potent anticancer agent, dasatinib to a transport protein	Roopa S. Naik, J. Seetharamappa	Journal of Molecular Liquids, 293 (2019) 111492, doi.org/10.1016/j.molliq.201 9.111492	5.065	1
3	Carbon nanopowder for sensing of an anticancer drug, raloxifene	Nagappa L. Teradal, Ranjita D. Tandel, J. Seetharamappa	Materials Science for Energy Technologies, 2(2019)337- 344	--	5
4	Intercalation of a flavonoid, silibinin into DNA base pairs: Experimental and theoretical approach	Suma K. Pawar J. Seetharamappa	Journal of Molecular Recognition,2019, e2812; doi:10.1002/jmr.2812	2.214	-
4	Interaction of repaglinide with bovine serum albumin: Spectroscopic and molecular docking approaches	Suma K. Pawar, J. Seetharamappa	Journal of Pharmaceutical Analysis, 9 (2019) 274-283 http://doi.org/10.1016/j.pha.2 019.03.007	2.673	10
5	Spectroscopic and computational approaches to unravel the mode of binding between a isoflavone, biochanin-A and calf thymus DNA	Suma Pawar, Ranjita Tandel, Ramesh K.C J. Seetharamappa	Journal of Biomolecular Structure and Dynamics, 37 (2019) 846-856 http://doi.org/10.1080/07391 102.2018.1442748	3.220	7
6	Eco-friendly reduced graphene oxide for the determination of mycophenolate mofetil in pharmaceutical formulations	Prashanth SN, Nagappa L. Teradal, J. Seetharamappa Ashis K Satpati	Journal of Pharmaceutical Analysis, 8(2018) 131-137	2.673	-
7	Porous reduced graphene oxide β -cyclodextrin modified electrode as enhanced sensing platform for the determination of dihydrochalcone: phloretin	Ranjita Tandel, J. Seetharamappa	J. Electrochem. Soc. 2018 volume 165, issue 10, H629- H637 doi: 10.1149/2.0611810jes	3.721	1
8	Elucidating the binding of an anti-hyperlipidemic indole derivative to human serum albumin by experimental and computational investigations	Suma K. Pawar, Veerendra Kumar AK J. Seetharamappa	Chemistryselect 3 , No.43(2018)12080-12088	1.811	-
9	Multicomponent Synthesis and Antimicrobial Activity of Dihydropyran-bis Coumarins	<u>Veerendra Kumar</u> <u>A.K</u> <u>Subhas C. Bijjaragi</u> J. Seetharamappa	Chemistryselect 3 , No.14(2018) 3925-3929	1.811	4

10	Insights in to the mechanism of interaction of a thrombin inhibitor, dabigatran etexilate with human serum albumin and influence of β -cyclodextrin on binding: Spectroscopic and computational approach	Roopa S. Naik, Suma K. Pawar, Ranjita D. Tandel, J. Seetharamappa	Journal of Molecular Liquids, 251 (2018) 119–127	5.065	8
11	Electrochemical characteristics and electrosensing of an antiviral drug, entecavir via synergic effect of graphene oxide nanoribbons and ceria nanorods	Ranjita D. Tandel, Roopa S. Naik, J. Seetharamappa	Electroanalysis, 2017, 29 , 1301 – 1309	2.544	5
12	A facile one-pot hydrothermal synthesis of tin sulfide-decorated reduced graphene oxide nanoribbons and its sensing application for a flavanone naringenin	Nagappa L. Teradal, Ashis K. Satpati, J. Seetharamappa	Journal of Electroanalytical Chemistry, 2017, 797 , 89-96	3.807	4
13	Fabrication of the electrochemically reduced graphene oxide-bismuth nanoparticles composite and its analytical application for an anticancer drug gemcitabine	Ranjita Tandel , Nagappa Teradal, Ashis Satpati, J. Seetharamappa	Chinese Chemical Letters, 2017, 28 , 1429-1437	4.632	-
14	Electrochemical Oxidation and Thermodynamic Parameters for an Anti-viral Drug Valacyclovir	Umesh S. Devarushi, Nagaraj P. Shetti, Suresh M. Tuwar J. Seetharamappa	Anal. Bioanal. Electrochem., 9 , No. 1, 102-116, 2017	1.67	3
15	Probing the mechanism of interaction of metoprolol succinate with human serum albumin by spectroscopic and molecular docking analysis	Suma K. Pawar J. Seetharamappa	Luminescence: The Journal of Biological and Chemical Luminescence, 32 , 942-951,2017.	1.675	-
16	Spectroscopic and Molecular Modeling Approaches to Investigate the Binding of Proton Pump Inhibitors to Human Serum Albumin	Suma K. Pawar, Reeta Punith Roopa S Naik J. Seetharamappa	Journal of Biomolecular Structure and Dynamics. 35 (15), 2017 3205-3220.	3.220	16
17	Exploring the binding of two potent anticancer drugs bosutinib and imatinib mesylate with bovine serum albumin: Spectroscopic and molecular dynamic simulation studies	Suma K. Pawar, Roopa S. Naik, J. Seetharamappa	Analytical and Bioanalytical Chemistry, 409 (27), 6325–6335, 2017	3.307	8
18	Electrochemical sensor based on reduced graphene oxide nanoribbons for the determination of baicalein in urine samples	Ranjita <u>D. Tandel</u> , <u>Roopa S. Naik</u> J. Seetharamappa <u>Ashis K. Satpati</u>	Journal of Electrochemical Society, 164 (12), H818-H827, 2017	3.721	3
19	POCl ₃ mediated synthesis of 2-substituted benzimidazolyl-coumarin, benzimidazolyl-indole and styryl benzimidazole derivatives	Veerendra Kumar AK J. Seetharamappa	Synthetic Communications 2016, 46 (7),626-635	1.796	5

20	Synthesis and Characterization of Bentonite-Reduced Graphene Oxide Composite: Application as Sensor for a Neurotransmitter, Dopamine	Ranjita D. Tandel, Suma K. Pawar, J. Seetharamappa	Journal of The Electrochemical Society, 2016, 163 (8): H705-H713	3.721	3
21	Synthesis, crystal studies and <i>in-vivo</i> anti-hyperlipidemic activities of indole derivatives containing fluvastatin nucleus	Veerendra Kumar AK J. Seetharamappa Umesha K	RSC Advances 2015, 5 , 38748-38759	3.119	7
22	Unzipped carbon nanotubes: Analytical and binding applications of semisynthetic phlebotropic flavonoid, diosmin	Nagappa L. Teradal, J. Seetharamappa A. K. Satpati	RSC Advances , 2015, 5 , 55550 - 55560	3.119	4
23	1-[(2E)-3-phenylprop-2-enoyl]-1H-benzimidazoles as anticancer agents: Synthesis, crystal structure analysis and binding studies of the most potent anticancer molecule with serum albumin	Seetharamappa J <u>Veerendra Kumar AK</u>	MedChemComm, 2015, 6, 1942 - 1953	2.410	5
24	Bulk modification of carbon paste electrode with Bi ₂ O ₃ nanoparticles and its application as an electrochemical sensor for selective sensing of anti HIV drug, nevirapine	Nagappa L. Teradal, J. Seetharamappa	Electroanalysis, 2015, 27 , 2007-2016	2.544	15
25	Electrosensing of an alpha-adrenergic agonist psychoactive methyl dopa using a sodium bentonite graphene oxide nanocomposite	Nagappa L. Teradal, Prashanth S. N. J. Seetharamappa Ashis K. Satpati	Analytical Methods (RSC)2015,7,5611-5618	2.596	8
26	A novel electrochemical sensor for non-ergoline dopamine agonist pramipexole based on electrochemically reduced graphene oxide nanoribbons	Prashanth S. N. Nagappa L. Teradal, J. Seetharamappa Ashis K. Satpati	Analytical Methods (RSC) 2015, 7, 3912-3919	2.596	13
27	<u>Reply to commentary on "spectral characterization of the binding and conformational changes of serum albumins upon interaction with an anticancer drug, anastrozole"</u>	<u>Reeta Punith,</u> J Seetharamappa	Spectrochim Acta A, 138(2015) 969-71.	3.232	1
28	Fabrication of electroreduced graphene oxide-bentonite sodium composite modified electrode and its sensing application for linezolid	Prashanth S. N., Nagappa L. Teradal, J. Seetharamappa , Ashis K. Satpati, A.V.R. Reddy	Electrochimica Acta, 133, (2014) 49–56	6.215	18
29	Fabrication of electrochemical sensor based on green reduction of graphene oxide for an antimigraine drug, rizatriptan benzoate	Nagappa L Teradal S. N. Prashanth J. Seetharamappa A. K. Satpati	Sensors & Actuators: B. Chemical, 196(2014)596-603	7.100	27

30	Fabrication of an Electrochemical Sensor based on Electroreduced Graphene Oxide for the Determination of Valganciclovir	S. N. Prashanth Nagappa L Teradal J. Seetharamappa A. K. Satpati	Journal of the Electrochemical Society, 2014 161(6): B117-B122	3.721	6
31	Synthesis, crystal studies, anti-tuberculosis and cytotoxic studies of (E)-1-(1H-benzo[d]imidazol-1-yl)-3-phenylprop-2-en-1-one derivatives	A.K. Veerendra Kumar, K. Umesha, J. Seetharamappa Keshav Bhat	European Journal of Medicinal Chemistry, 22 May 2014, 79 , 194–202	5.572	25
32	<u>Fluorescence and circular dichroism studies on binding and conformational aspects of an anti-leukemic drug with DNA</u>	Ashwini H Hegde J. Seetharamappa	Molecular Biology Reports, 41, 2014, 67-71	2.107	14
33	<u>Electro-sensing platform for varenicline based on reduced graphene oxide</u>	Nagappa L. Teradal, Prashanth S N, J. Seetharamappa , Ashis K. Satpati	Electroanalysis, 26 (2014)2173-2181.	2.544	2
34	Interactions of Polyphenols with Plasma Proteins: Insights from Analytical Techniques	J. Seetharamappa , B. Sandhya Ashwini Hegde Prashanth S. N Nagappa L Teradal	Current Drug Metabolism, 14, No. 4, 2013, 456-473.	2.960	17
35	Fabrication of an electrochemical sensor based on multiwalled carbon nanotubes for almotriptan	Prashanth S. N Nagappa L Teradal Shankar S. Kalanur J. Seetharamappa ,	Electroanalysis, 25(12)2013, 2684-2690	2.544	7
36	Investigations to reveal the nature of interactions of human hemoglobin with curcumin using optical techniques	Ashwini H Hegde Sandhya B J. Seetharamappa	International Journal of Biological Macromolecules 52 , 2013, 133-138	5.162	43
37	Elucidation of binding mechanism and identification of binding site for an anti HIV drug, stavudine on human blood proteins	Sandhya B Ashwini H Hegde J. Seetharamappa	Molecular Biology Reports, 40(5), 2013, 3817-3827,	2.107	6
38	Binding of an anticancer Rutaceae plant flavonoid glycoside with calf thymus DNA: Biophysical and electrochemical studies Journal of Luminescence	B. Sandhya J. Seetharamappa	Journal of Luminescence, 142 (2013) 17–22	3.280	17
39	Electro-reduced graphene oxide film modified glassy carbon electrode as an electrochemical sensor for sibutramine	Nagappa L Teradal S. N. Prashanth J. Seetharamappa	Analytical Methods (RSC),5 (2013)7090-95	2.596	11
40	Probing the site-selective binding of an antiretroviral drug, stavudine to calf thymus DNA	Sandhya B. J. Seetharamappa	Nucleosides, Nucleotides and Nucleic Acids, 32, 2013, 660-669	1.167	1
41	A validated chiral LC method for the enantiomeric separation of efavirenz on amylose based stationary phase	S. S. Pujeri A. M. A. Khader J. Seetharamappa	Journal of food and drug analysis, 21 (1), 2013, 93-100	0.333	

42	Synthesis, Characterization, Crystal Studies of (E)-3-(3-(4-Fluorophenyl)-1-isopropyl-1H-indol-2-yl) Acrylaldehyde	A.K.Veerendra Kumar J. Seetharamappa	Crystal Structure Theory and Applications, 2, 2013,150-156		
43	Interaction of antioxidant flavonoids with calf thymus DNA analyzed by spectroscopic and electrochemical methods	Ashwini H. Hegde, S. N. Prashanth, J. Seetharamappa	Journal of Pharmaceutical and Biomedical Analysis, 63 , 2012, 40-46	3.209	74
44	The effect of anti-tubercular drug, ethionamide on the secondary structure of serum albumins: A biophysical study	K.Umesha A.K.Veerendra Kumar J. Seetharamappa	Journal of Pharmaceutical and Biomedical Analysis 59 (2012) 102– 108	3.209	29
45	Optical, Structural and Thermodynamic Studies of the Association of an Anti-leucemic Drug Imatinib Mesylate with Transport Protein	Ashwini H Hegde Reeta Punith· Seetharamappa J	Journal of Fluorescence, 22 (1), 2012, 521-528	2.093	15
46	Exploring the binding mechanism of ondansetron hydrochloride to serum albumins: Spectroscopic approach	Sandhya B, Ashwini H. Hegde, Ramesh K.C, Seetharamappa J	Spectrochimica Acta Part A 86 (2012) 410– 416	3.232	13
47	Spectral characterization of the binding and conformational changes of serum albumins upon interaction with an anticancer drug, anastrozole.	Reeta Punith, J. Seetharamappa	Spectrochimica Acta Part A: 92 (2012), 37-41	3.232	62
48	Electrochemical investigations of an anticancer drug in the presence of sodium dodecyl sulphate as an enhancing agent at carbon paste electrode.	N.L. Teradal, S.S.Kalanur, S N Prashanth, J. Seetharamappa	Journal of Applied Electrochemistry, 42(11),2012, 917-923.	2.384	18
49	Surface enhanced oxidation and determination of isothipendyl hydrochloride at an electrochemical sensing film constructed by multiwalled carbon nanotubes.	Prashanth S.N. S. S. Kalanur, N. L. Teradal, J.Seetharamappa	International Journal of Electrochemistry. 2012 (2012), 1-6	--	
50	Stability study of capecitabine active pharmaceutical ingredient in bulk drug and pharmaceutical formulation	S. S. Pujeri, A. M. A. Khader, J. Seetharamappa	Journal of Liquid Chromatography & Related Technologies, 35 (1), 2012, 40-49.	0.992	2
51	Development and validation of LC method for the assay enantiomers in pharmaceutical formulations	Sudhakar S. Pujeri, A.M. A. Khader, J. Seetharamappa	Der Pharma Letter, 4(1), 2012, 76-86	--	6
52	Development and Validation of a Stability- Indicating LC Method for the Assay of Adapalene in Bulk Drug and Pharmaceutical Formulations	S. S. Pujeri, A. M. A. Khader, J. Seetharamappa	Journal of Analytical Chemistry (Russia), 67 (6)2012, 585-590	0.616	3
53	Electrochemical Studies of an anti-HIV drug, nevirapine and its assay in tablets and biological samples	N. L. Teradal, S. N. Prashanth, J. Seetharamappa	J. Electrochem. Sci. Eng. 2(2) (2012) 67-75	--	14

54	Development and Validation of a Stability-Indicating RP-HPLC Method for the quantitative Analysis of Anagrelide Hydrochloride	Sudhakar S. Pujeri, A.M. A. Khader, J. Seetharamappa	Scientia Pharmaceutica, 2012; 80(3): 567–579.	1.088	5
55	<u>Stress Degradation Studies on Varenicline tartrate and Development of a Validated Stability-indicating HPLC Method</u>	Sudhakar S. Pujeri, A.M. A. Khader, J. Seetharamappa	Scientia Pharmaceutica, 80(1) 2012, 115-126	1.088	8
56	Enhanced electrochemical response of carbamazepine at a nano-structured sensing film of fullerene C ₆₀ and its analytical applications	S. S. Kalanur, J. Seetharamappa B. Sandhya	Electrochimica Acta, 2011, 56, 5295-5301	6.215	43
57	Interaction of an antidepressant bupropion with DNA immobilized on the glassy carbon electrode	S.S. Kalanur, J. Seetharamappa , Prashanth S.N.	Colloids and Surfaces B: Biointerfaces 82, 2011, 438–442	4.389	17
58	Interaction of triprolidine hydrochloride with serum albumins: Thermodynamic and binding characteristics, and influence of site probes	B. Sandhya, Ashwini H. Hegde, S.S. Kalanur, Umesha K, J. Seetharamappa	Journal of Pharmaceutical and Biomedical Analysis, 54 , 2011, 1180-1186.	3.209	115
59	Multi-walled Carbon Nanotube Modified Glassy Carbon Electrode as a Sensor for the Determination of Raloxifene Hydrochloride	S. S. Kalanur J. Seetharamappa	Sensor Letters, 9, 2011, 1-7	1.587	5
60	Binding mechanism of bioactive cetirizine hydrochloride to Sudlow's site I of serum albumins	A.H. Hegde B. Sandhya S.S. Kalanur J. Seetharamappa	Journal of Solution Chemistry, 40 , 2011, 182-197.	1.273	7
61	Validated stability indicating hplc methods for separation of pindolol enantiomers and its related substances	S. S. Pujeri, A. M. A. Khader, J. Seetharamappa	Journal of Food and Drug Analysis, 19(1), 2011, 73-84	0.333	2
62	Evaluation of Binding and Thermodynamic Characteristics of Interactions between a Citrus Flavonoid Hesperitin with Protein and Effects of Metal Ions on Binding	Ashwini H. H Sandhya B J. Seetharamappa	Molecular Biology Reports, (2011) 38 , 4921–4929	2.506	29
63	Electrochemical oxidation of an immunosuppressant, mycophenolate mofetil and its assay in pharmaceutical formulations.	S.N. Prashanth K.C. Ramesh, J. Seetharamappa	International Journal of Electrochemistry, Vol 2011, ID 193041, 7 pages doi:10.4061/2011/193041	---	26
64	Voltammetric and spectroscopic investigations on the mechanism of interaction of bupropion methiodide with protein	S. S. Kalanur J. Seetharamappa K. Umesha	Colloids and Surfaces B: Biointerfaces 75 (1) 2010, 75-79	4.389	18

65	Voltammetric sensor for buzipide methiodide determination based on TiO ₂ nanoparticle-modified carbon paste electrode	S. S. Kalanur J. Seetharamappa S.N. Prashanth	Colloids and Surfaces B: Biointerfaces, 78, 2010, 217-221	4.389	30
66	Characterization of interaction and the effect of carbamazepine on the structure of human serum albumin	S.S. Kalanur, J. Seetharamappa , Veerendra Kumar AK.	Journal of Pharmaceutical and Biomedical Analysis, 53 , 2010, 660-666	3.209	72
67	Binding of an Anti-inflammatory Drug Lornoxicam with Blood Proteins: Insights from Spectroscopic Investigations	Reeta Punith, Ashwini H Hegde J. Seetharamappa	Journal of Fluorescence, 2010, 21(2) 487-495	IF:1.789	35
68	Study of the interaction between fluoxetine hydrochloride and bovine serum albumin in the imitated physiological conditions by multi-spectroscopic methods	K. Umesha, J. Seetharamappa S. S. Kalanur	Journal of Luminescence 130 (2),2010, 211-216	2.144	70
69	Probing the binding of fluoxetine hydrochloride to human serum albumin by multispectroscopic techniques	K. Umesha, J. Seetharamappa S. S. Kalanur	Spectrochimica Acta, Part A,75 (1) 2010, 314-319	2.129	31
70	Electrochemical oxidation of bioactive carbamazepine and its interaction with DNA	S. S. Kalanur J. Seetharamappa	Analytical Letters, 43, 2010, 618-630	0.965	39
71	Mechanistic and conformational studies on the interactions of anti-inflammatory drugs, isoxicam and tenoxicam with bovine serum albumin	Reeta Punith, K. Umesha, S. S. Kalanur, J. Seetharamappa ,	Journal of Luminescence, 130, 2010, 2052-2058	2.144	18
72	Interaction of Bioactive Coomassie Brilliant Blue G with Protein: Insights from Spectroscopic Methods	K. Umesha, S. S. Kalanur, J. Seetharamappa	Scientia Pharmaceutica 78 (4),,2010, 869-880	1.088	25
73	Electrochemical studies and spectroscopic investigations on the interaction of an anticancer drug with DNA and their analytical applications	S. S. Kalanur, K. Umesha, J. Seetharamappa	Journal of Electroanalytical Chemistry, 636 (2009) 93–100	3.807	132
74	A validated stability indicating chromatographic method for the assay of erlotinib active pharmaceutical ingredient	S. S. Pujeri, A. M. A. Khader, J. Seetharamappa	Analytical Letters, 42(12)2009,1855-1867	1.26	13
75	New extractive spectrophotometric methods for the determination of nortriptyline hydrochloride in pure form and pharmaceutical dosages	Manjunatha, D.H., Seetharamappa J Kandagal, P.B. Kalanur, S.S.	Journal of Analytical Chemistry 64 (5), pp. 462-466, 2009	0.616	6
76	Mechanism of interaction between human serum albumin and N-alkyl phenothiazines studied using spectroscopic methods	P. B. Kandagal, S.S. Kalanur, D. H. Manjunath, J. Seetharamappa	Journal of Pharmaceutical and Biomedical Analysis, 47(2), 2008, 260-267.	3.209	62

77	Electrochemical studies of buzepide methiodide and their analytical applications	S. S. Kalanur, J. Seetharamappa , K. Umesha, P. B. Kandagal	International Journal of Electrochemical. Science, 3 (2008) 711 -720.	1.573	18
78	RP-HPLC method for the determination of tenofovir in pharmaceutical formulations and spiked human plasma	P. B. Kandagal, D. H. Manjunatha, J. Seetharamappa , S. S. Kalanur	Analytical Letters, 41, 2008, 561-570.	1.26	78
79	Electrochemical behavior of an anti-Cancer drug at glassy carbon electrode and its determination in pharmaceutical formulations	S. S. Kalanur, J. Seetharamappa , G.P. Mamatha, D. H. Manjunatha, P.B. Kandagal	International Journal of Electrochemical. Science, 3 (2008) 756- 767.	IF: 1.573	16
80	Extractive spectrophotometric determination of sildenafil citrate (Viagra) in pure and pharmaceutical formulations	K. Harikrishna, B. S. Nagaralli J. Seetharamappa	Journal of Food and Drug Analysis 16(1), 2008, 11-17.	0.333	42
81	Diazocoupling reaction for the spectrophotometric determination of physiologically active catecholamines in bulk and pharmaceutical preparations	S. M. T. Shaikh, D. H. Manjunatha, K. Harikrishna, K. C. Ramesh R. Sudhir Kumar, J. Seetharamappa ,	Journal of Analytical Chemistry, 2008, Vol. 63, No. 7, pp. 637–642.	0.616	18
82	Simple and sensitive spectrophotometric methods for the determination of acebutolol hydrochloride in bulk sample and pharmaceutical preparations	D.H. Manjunatha, S.M.T. Shaikh, K. Harikrishna, R. Sudhir Kumar, P.B.Kandagal, J. Seetharamappa ,	Ecletica Quimica, 33 (2), 2008, 37-40	---	22
83	Spectroscopic studies on the binding of bioactive phenothiazine compounds to human serum albumin	P.B. Kandagal, S.M.T. Shaikh, D.H. Manjunatha, J. Seetharamappa , B.S. Nagaralli	Journal of Photochemistry and Photobiology A: Chemistry, 2007 ,189, 121–127.	3.306	114
84	Spectroscopic investigations on the mechanism of interaction of bioactive dye with bovine serum albumin	S.M.T.Shaikh, J. Seetharamappa , P.B.Kandagal, D.H.Manjunatha, S. Ashoka.	Dyes and Pigments 74, 2007, 665-671	3.532	128
85	Binding of trazodone hydrochloride with human serum albumin: A spectroscopic study	P. B. Kandagal, J. Seetharamappa S. M. T. Shaikh, D.H. Manjunatha	Journal of Photochemistry and Photobiology A: Chemistry, 185 (2-3), 2007, 239-244	3.306	58
86	Purification, crystallization and data collection of methicillin-resistant Staphylococcus aureus, Sar2676, a pantothenate synthetase	J. Seetharamappa , et al	Acta Crystallographica, Section F-Structural Biology, 63(6), 2007, 488-491.	0.552	

87	Expression, purification, crystallization, data collection and preliminary biochemical characterization of Methicillin-resistant <i>Staphylococcus aureus</i> Sar2028, an aspartate/tyrosine / phenylalanine pyridoxal-5'-phosphate dependent aminotransferase	J. Seetharamappa et al	Acta Crystallographica, Section F-Structural Biology, 63(5), 2007, 452-456.	0.552	
88	High-performance liquid chromatographic determination of parecoxib in human plasma and pharmaceutical formulations	S.M.T. Shaikh, D.H. Manjunatha, J. Seetharamappa , P.B. Kandagal	Analytical Letters 40, 2007 , 2925–2934.	0.965	5
89	<i>In vitro</i> study on the binding of anti-coagulant vitamin to bovine serum albumin and the influence of toxic ions and common ions on binding	S.M.T. Shaikh, J. Seetharamappa , P.B. Kandagal D.H. Manjunatha	International Journal of Biological Macromolecules, 41 (1) 2007 , Pages 81-86	2.596	57
90	A study of the interaction between bromopyrogallol red and bovine serum albumin by spectroscopic methods	S.M.T.Shaikh, J.Seetharamappa , S.Ashoka, P.B. Kandagal	Dyes and Pigments, 73, 2007 , 211-216	3.532	124
91	Determination of Nortriptyline hydrochloride in Bulk and Pharmaceutical Formulations	R. Sudhir Kumar, D. H. Manjunatha, J. Seetharamappa , K.Harikrishna, S. M. T. Shaikh	Chemical Analysis (Warsaw) 52, 2007 , 337-346	0.428	3
92	Determination of Cinnarizine in Pure and Pharmaceutical Formulations	D.H. Manjunatha , S.M.T. Shaikh, J. Seetharamappa, R. Sudhir Kumar, K. Harikrishna,	Journal of the Chinese Chemical Society 54, 63-68, 2007	0.879	12
93	Study of the interaction of an anticancer drug with human and bovine serum albumin: Spectroscopic approach	P.B.Kandagal, S.Ashoka, J.Seetharamappa , S.M.T.Shaikh, Y. Jadegoud, O.B.Ijare	Journal of Pharmaceutical and Biomedical Analysis, 41(2), 2006 , 393-399	3.209	525
94	Binding, electrochemical activation, and cleavage of DNA by cobalt(II) tetrakis-N-methylpyridyl porphyrin and its β -pyrrole brominated derivative	Y.Shivaraj J.Seetharamappa , L.M.Rogers, C.Raghu, R.P. Singhal, Francis D'Souza	Bioconjugate Chemistry. 17, 2006 , 1418-1425	4.580	64
95	Application of Phenothiazine derivatives and other compounds for the Determination of Metals in Various Samples	J. Seetharamappa , N.Motohashi D. Kovala-Demertzi	Current Drug Targets (UK) 7 (9), 2006 , 1107-1121	3.848	13

96	Study of the interaction between doxepin hydrochloride and bovine serum albumin by spectroscopic techniques	P.B.Kandagal, J. Seetharamappa , S. Ashoka, S.M.T. Shaikh, D.H. Manjunatha	International Journal of Biological Macromolecules 39, 2006 234–239	5.162	84
97	Binding of the bioactive component isothipendyl hydrochloride with bovine serum albumin	S.M.T. Shaikh, J. Seetharamappa , P.B. Kandagal, S. Ashoka	Journal of Molecular Structure, 786 (1), 2006 , 46-52	2.463	112
98	Study of the interaction between doxepin and human serum albumin by spectroscopic methods	P.B. Kandagal, S. Ashoka, J. Seetharamappa , V. Vani, S.M.T. Shaikh	Journal of Photochemistry and Photobiology A: Chemistry, 179 (1-2), 2006 , 161-166	2.416	58
99	Investigation of the interaction between trazodone hydrochloride and bovine serum albumin	S. Ashoka, J. Seetharamappa , P. B. Kandagal, S. M.T. Shaikh	Journal of Luminescence 121 (1), 2006 , 179-186	2.144	175
100	Spectroscopic studies and life time measurements of binding of bioactive compound to bovine serum albumin and the effects of common ions and other drugs on binding	S.M.T. Shaikh, J. Seetharamappa , S. Ashoka, P.B. Kandagal	Chemical and Pharmaceutical Bulletin, 54(4), 2006 , 422-427	1.507	13
101	Carbon nanotubes: Next generation of electronic materials	J. Seetharamappa , Y. Shivaraj, Francis D'Souza,	Interface (The Electrochemical Soc.), 15 (2), 2006 , 23-25 & 61News Bulletin		44
102	Sensitive extractive spectrophotometric methods for the determination of trazodone hydrochloride in pharmaceutical formulations	R. Sudhir Kumar, D. H. Manjunatha, Shaikh S. M. T, J. Seetharamappa , K. Harikrishna,	Chemical and Pharmaceutical Bulletin (Japan) 54 (7), 2006 , 968-971	IF: 1.507	19
103	Sensitive extraction spectrophotometric methods for the determination of trazadone hydrochloride in pure and pharmaceutical formulations	K. Harikrishna, R. Sudhir Kumar, J. Seetharamappa , D. H. Manjunatha	Journal of Serbian chemical society, 71 (7), 2006 , 829-837	0.912	11
104	Study of the interaction between fluoroquinolones and bovine serum albumin	J. Seetharamappa B. P. Kamat	Journal of Pharmaceutical and Biomedical Analysis, [2006 , 42, (2), 290]. 39, 2005 , 1046-1050.	3.209	
105	Investigation on the interaction of gabapentin with bovine serum albumin by spectroscopic techniques	S. Ashoka, J. Seetharamappa , P.B. Kandagal S.M.T. Shaikh	Journal of Photosciences, 12 (3), 2005 , 113-117		
106	Spectroscopic studies on the interaction of N-alkyl phenothiazines with bovineSerum albumin	J. Seetharamappa , S. M. T. Shaikh, B. P. Kamat	Journal of Photosciences, 12 (1), 2005 , 25-32.		

107	Mechanism of interaction of vincristine sulphate and rifampicin with bovine serum albumin: Spectroscopic approach,	B. P. Kamat, J. Seetharamappa,	Journal of Chemical Sciences, 117 (6), 2005 , 649-655.	1.298	45
108	In vitro study on the interaction of mechanism of tricyclic compounds with bovine serum albumin	B. P. Kamat, J. Seetharamappa,	Journal of Pharmaceutical and Biomedical Analysis, 35, 2004 , 655-664.	3.209	111
109	Spectroscopic investigations on the interaction of riboflavin with bovine serum albumin.	B. P. Kamat, J. Seetharamappa, M. B. Melwanki,	Indian Journal of Biochemistry and Biophysics, 41, 2004 , 173-178.	1.026	25
110	Spectroscopic studies on the mode of interaction of anticancer drug with bovine serum albumin,	J. Seetharamappa B. P. Kamat,	Chemical and Pharmaceutical Bulletin(Japan), 52, 2004 , 1053-1057.	1.507	58
111	Spectroscopic studies on the mechanism of interaction of vitamin B ₁₂ with bovine serum albumin,	B. P. Kamat, J. Seetharamappa	Journal of Photoscience, 11(1), 2004 , 29-33.		20
112	Spectrofluorometric study of the interaction of coumarin derivatives with bovine serum albumin,	B. P. Kamat, J. Seetharamappa	Journal of Photoscience, 11(2), 2004 , 65-69.		4
113	Fluorescence and circular dichroism studies on the interaction of Bromocresol purple with bovine serum albumin	B. P. Kamat, J. Seetharamappa	Polish Journal of Chemistry, 78, 2004 , 723-732.	0.444	14
114	Development and validation of gas chromatographic method for the assay of nimesulide in pure and pharmaceutical formulations	B. S. Nagaralli, J. Seetharamappa, B. G. Gowda M. B. Melwanki	Indian Journal of Pharmaceutical Science, 66(2), 2004 , 184-187.	0.626	1
115	Liquid chromatographic determination of ceterizine hydrochloride and paracetamol in human plasma and pharmaceutical formulations	B. S. Nagaralli, J. Seetharamappa, B. G. Gowda M. B . Melwanki	Journal of Chromatography. B, 798, 2003 , 49-54 .	2.487	74
116	Indirect Spectrofluorimetric Determination of Piroxicam and Propranolol Hydrochloride in Bulk and Pharmaceutical Preparations	K. C. Ramesh, B. G. Gowda, J. Seetharamappa, J. Keshavayya	Journal of Analytical Chemistry, 58 (10) , 2003 , 933-936	0.616	42
117	Extractive spectrophotometric determination of fluoroquinolones and antiallergic drugs in pure and pharmaceutical formulations	B. G. Gowda J. Seetharamappa	Analytical Sciences (Japan), 19 (3), 2003 , 461-464.	1.569	33
118	Spectrophotometric determination of iron (III) in ore, pharmaceutical formulations, plant material and foodstuff using piroxicam	M B Melwanki, J. Seetharamappa, S P Masti.	Indian Journal of Chemistry, 42A, 2003 , 576-578	0.787	3
119	Spectrophotometric Determination of Antiallergic Drug in Bulk Powder and in Its Pharmaceutical Formulations	B. G. Gowda , J. Seetharamappa, M B Melwanki	Journal of Analytical Chemistry, 58 (6) , 2003 , 509-513	IF:0.616	7

120	High-performance liquid chromatographic method for the determination of nimesulide in pharmaceutical preparations	B. S. Nagaralli, J. Seetharamappa , B. G. Gowda, M. B. Melwanki	Journal of Analytical Chemistry (Russia), 58 (8) , 2003 , 778-780.	0.616	33
121	Spectrophotometric studies on the investigation of chromium in environmental samples	M.B. Melwanki J. Seetharamappa	Indian Journal of Environmental Health, 45, 2003 , 25-28.	---	5
122	Synthesis, spectral, magnetic and thermal studies on symmetrically substituted metal (II) 1,3,8,10,15,17,22,24-octachlorophthalocyanines	K. R. Venugopala Reddy, J.Keshavayya J. Seetharamappa	Dyes and Pigments, 59(3) 2003 , 237-244.	4.613	
123	Sensitive spectrophotometric methods for the determination of amoxicillin, ciprofloxacin and piroxicam in pure and pharmaceutical formulations	B. S. Nagaralli, J. Seetharamappa M. B. Melwanki	Journal of Pharmaceutical and Biomedical Analysis, 29 (5), 2002 , 859-864.	3.209	179
124	Spectrophotometric investigations on the assay of physiologically active catecholamines in pharmaceutical formulations	B. S. Nagaralli, J. Seetharamappa , M. B. Melwanki, K. C. Ramesh, J. Keshavayya	Journal of AOAC International (USA) 85 (6), 2002 , 1288-1292.	1.233	19
125	Spectrophotometric determination of isoniazid in pure and pharmaceutical formulations	B.G.Gowda, M.B.Melwanki, J Seetharamappa , K.C.Srinivasa Murthy	Analytical Sciences (Japan), 18, 2002 , 839-841.	2.049	34
126	Indirect spectrophotometric determination of propranolol hydrochloride and piroxicam in pure and pharmaceutical formulations	B.G.Gowda, J. Seetharamappa , M. B.Melwanki	Analytical Sciences (Japan), 18, 2002 , 671-674.	2.049	78
127	Spectrophotometric determination of cerium(IV) using phenothiazine derivative	S. P. Masti, J. Seetharamappa M. B. Mewlanki, N.Motohashi	Analytical Sciences (Japan), 18, 2002 , 167-169	2.049	21
128	Extractive spectrophotometric determination of tungsten (VI) in alloy steels using ethopropazine hydrochloride	S. P. Masti, J. Seetharamappa , M. B. Melwanki	Analytical Sciences (Japan), 17, 2002 , 913-915.	2.049	15
129	A new spectrophotometric method for the determination of ceterizine hydrochloride using thymol blue in pharmaceutical preparations and biological samples	K. C. Ramesh, M.B. Melwanki, B. G. Gowda, J. Seetharamappa J. Keshavayya	Indian Journal of Pharmaceutical Sciences, 2002 , 64(5), 455-458.	0.626	13
130	Spectrophotometric investigations on the assay of phenothiazine drugs,	A.G. Sajjan, K.C. Ramesh, J. Seetharamappa J. Keshavayya,	Indian Journal of Pharmaceutical Sciences, 2002 , 64(6), 603-606.	0.626	3

131	Spectrophotometric determination of propranolol in pharmaceutical formulations	A. G. Sajjan, J. Seetharamappa S. P. Masti	Indian Journal of Pharmaceutical Sciences, (Jan-Feb) 2002 , 64, 68-70.	0.626	14
132	Determination of trace amounts of gold (III) using ethopropazine hydrochloride and isothipendyl hydrochloride: A spectrophotometric study	M.B. Melwanki, S. P. Masti, J. Seetharamappa ,	Turkish Journal of Chemistry, 2002 , 26, 17-22.	0.888	13
133	Extractive spectrophotometric determination of ceterizine hydrochloride in pharmaceutical preparations	B.G. Gowda, M.B. Melwanki, J. Seetharamappa	Journal of Pharmaceutical and Biomedical Analysis, 25, 2001 , 1021-1026.	3.209	63
134	Spectrophotometric determination of certain vicinal dihydroxybenzene derivatives in pharmaceutical preparations	B.G.Gowda, M.B. Melwanki J. Seetharamappa	Analytical Sciences (Japan), 17, 2001 , 533-534.	2.049	
135	Spectrophotometric determination of vanadium (V) in minerals, steels, soil and biological samples using phenothiazine derivatives	M. B. Melwanki, J. Seetharamappa , S. P. Masti	Analytical Sciences (Japan), 17(8), 2001 , 979-982.	2.049	32
136	Extractive spectrophotometric determination of antiallergic drugs in pharmaceutical formulations using bromopyrogallol red and bromothymol blue	.K. C. Ramesh, B.G. Gowda, M. B. Melwanki, J. Seetharamappa , J. Keshavayya	Analytical Sciences (Japan), 17(9), 2001 , 1101-1103.	2.049	31
137	Spectrophotometric determination of molybdenum (VI) using isothipendyl hydrochloride and pipazethate hydrochloride in alloys steels and soil samples	M. B. Melwanki, J. Seetharamappa , S. P. Masti	Analytical Sciences (Japan), 17 (9), 2001 , 1121-1123.	2.049	22
138	Spectrofluorimetric determination of ceterizine hydrochloride in pharmaceutical preparations	M.B. Melwanki, J. Seetharamappa , B.G. Gowda, A. G. Sajjan,	Chemical Analysis (Warsaw), 46, 2001 , 883-887.	0.428	15
139	Spectrophotometric determination of certain vicinal dihydroxybenzene derivatives with sodium bismuthate	A. G. Sajjan, M. B. Melwanki, J. Seetharamappa ,	Journal of Analytical Chemistry (Russia), 56, 2001 , 937-942.	0.616	10
140	Spectrophotometric determination of certain vicinal dihydroxybenzene derivatives with sodium bismuthate	A. G. Sajjan, M. B. Melwanki, J. Seetharamappa ,	Journal of Analytical Chemistry 56 (9) , 2001 , pp. 827-829	0.616	22
141	Spectrophotometric determination of chromium (VI) in soil and steel samples using methdilazine hydrochloride	M.B. Melwanki, J. Seetharamappa	Indian Journal of Chemistry, 40A, 2001 , 659-661.	0.787	10
	Spectrophotometric determination of some phenothiazine drugs with iodic acid	A.G. Sajjan, J. Seetharamappa M. B. Melwanki	Indian Journal of Pharmaceutical Sci., 63, 2001 , 61-64.	0.626	5
143	Spectrophotometric determination of trace amounts of vanadium (V) with isothipendyl hydrochloride	M.B. Melwanki, J. Seetharamappa	Indian Journal of Chemistry, 39A, 2000 , 465-467.	0.787	10

144	Spectrophotometric determination of vanadium (V) using methdilazine hydrochloride in minerals and steel sample	M.B. Melwanki, J. Seetharamappa	Indian Journal of Chemistry, 39A, 2000 , 1107-1109.	0.787	3
145	Spectrophotometric determination of some phenothiazine drugs in pharmaceutical preparations	K.C. Srinivasamurthy, J. Seetharamappa	Indian Journal of Pharmaceutical Sciences, 62, 2000 , 273-276.	0.626	8
146	Spectrophotometric determination of selenium (IV) using methdilazine hydrochloride	M.B. Melwanki, J. Seetharamappa	Turkish Journal of Chemistry, 2000, 24, 287-290.	0.888	22
147	Spectrophotometric studies on the investigation of chromium in environmental samples	M.B. Melwanki J. Seetharamappa	Indian Journal of Environmental Health, 42, 2000 , 134-137.	---	
148	A new spectrophotometric method for the determination of chromium in environmental samples	M.B. Melwanki J. Seetharamappa	Indian Journal of Environmental Protection, 20, 2000 , 801-804	---	5
149	Spectrophotometric determination of palladium (II) using methdilazine hydrochloride,	M.B. Melwanki, J. Seetharamappa	J. Saudi Chemical Society, 2000, 4, 165-168.	1.288	
150	Spectrophotometric determination of trace amounts of selenium (IV) using trifluoperazine dihydrochloride	M.B. Melwanki, J. Seetharamappa	Chemical and Environmental Research, 2000, 9, 59-62	---	1
151	Synthesis, structural and thermal studies of titanium (IV) complexes of N- alkyl phenothiazines	J. Seetharamappa B. Keshavan,	Turkish Journal of Chemistry, 1999, 23, 429-434.	0.888	7
152	Synthesis and characterisation of mercury (II) complexes: Use of phenothiazine drugs as ligands,	J. Seetharamappa B. Keshavan	Chemical and Environmental Research, 1998, 251-254.	---	
153	Extractive spectrophotometric determination of phenothiazine drugs with chlorophenol red	B.K. Shubha J. Seetharamappa P. Nagaraja	Indian Journal of Pharmaceutical Sciences, 58, 1996, 258-261	0.626	9
154	Titrimetric method for the essay of Methyldopa, levodopa and paracetamol with bromine chloride	J. Seetharamappa	The Eastern Pharmacist, 34, 1996, 131-132.	---	
155	Pyridinum chlorochromate as a new reagent for the estimation of vitamin C in pure and pharmaceutical preparations	J. Seetharamappa	The Eastern Pharmacist, 34, 1996, 165-167.	---	1
156	Rapid spectrophotometric determination of some phenothiazine derivatives with 1,2-naphthaquinone 4-sulphonic acid	P. Nagaraja J. Seetharamappa	Indian Journal of Pharmaceutical Sciences, 57, 1995, 68-70.	0.626	4
	Higher secondary school students concepts of acids and bases	T. J. Vidyapati J. Seetharamappa	School Science Review (UK), 77, 1995, 82-84	---	
	Microdetermination of some phenols using bromine chloride	T. J. Vidyapati J. Seetharamappa	Journal of Indian Chemical Society, 68, 1991, 118-119	---	

159	Synthesis, characterization and fungicidal activity of the complexes of N-alkyl phenothiazines with titanium(IV)	A. Keshavan J. Seetharamappa	Indian Journal of Chemistry, 27 A, 1988, 815-819.	0.787	1
160	Synthesis and investigation of biologically active complexes of N-alkyl phenothiazines with zirconium (IV)	B. Keshavan J. Seetharamappa	Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry (USA), 18, 1988, 449-456	---	1
161	Molybdenum (IV) dimeric complexes with N-alkyl phenothiazines and their interactions with L-cysteine, L-histidine, 1,10 phenanthraline and 2,2' bipyridyl	B. Keshavan J. Seetharamappa	Polyhedron (UK), 6, 1987, 465-471.	1.813	22
162	Synthesis and structural investigation of biologically active complexes of N-alkyl phenothiazines with dioxo-Uranium (VI)	B. Keshavan J. Seetharamappa	Inorganica Chimica Acta (Italy), 138, 1987, 135-138.	1.687	13
163	Dinuclear tungsten (IV) complexes with N-alkyl phenothiazines and their interactions with some amino acids	B. Keshavan J. Seetharamappa	Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry (USA), 16, 1986, 979-989.		18

LIST OF AWARDS TO Ph.D STUDENTS

Sl No.	Student's name	Name of the Conference/symposium, venue and date
1	Mohammed Shaikh Takhi	Best Poster award at the National Seminar on Emerging trends and new vistas in Chemistry held at the Univ. of Kerala, 29-30 Nov.2005
2	Sandhya B	Prof V. Panduranga Rao award by the Indian Chemical Society, Kolkata at the Annual Convention of Chemists held VIT Vellore during 2-6 Dec.2009
3	Ashwini H Hegde	i) Prof B.C.Halder memorial award by the Indian Chemical Society, Kolkata at the Annual Convention of Chemists held VIT Vellore during 2-6 Dec.2009. ii) Best award for oral presentation of paper at the National Conference on recent trends in Chemistry 2011 held at Mandya during 19-20 Sep.2011
4	Veerendra Kumar A. K	Dr V.K. Sharma award for the best oral presentation at 29 th Annual Conference of Indian Council of Chemists held at Punjab University during 19-21, Dec. 2010.
5	Prashanth S. N	i) Second best paper award for poster presentation at the National Conference on recent trends in Chemistry 2011 held at Mandya during 19-20 Sep.2011.

		ii) First best presentation for oral at International Conference on “Nano, bio and material Sciences” (ICONBMS-2014) held at Osmania University, Hyderabad, during 8-10 Jan.2014.
6	Nagappa L Teradal	<p>i) Third best paper award for oral presentation at the National Symposium on electrochemistry and technology, NSEST 2012 held at IISc, B'lore during 24-25 Aug.2012.</p> <p>ii) Best oral presentation award at the 32nd Annual Conference of Indian Council of Chemists held at Karnatak University during 28-30 Nov. 2013.</p> <p>iii) Young Scientist award at 51st Annual Convention of Chemists 2014 held at Kurukshetra University, Kurukshetra,during 8-12 Dec.2014.</p> <p>iv) Second Best Poster Award at BRNS-AEACI Symposium on Current Trends in Analytical Chemistry (CTAC-2015) held at BARC,Mumbai during 26th to 29th May 2015.</p>
7	Reeta Punith	Encouragement prize at International conference on Luminescence and its application held at PES University, Bangalore, during 9-12 Feb.2015.
8	Ranjita Tandel	Best Oral Award at Indian National Conference on Development in Inorganic Applications (India-2015) held at Periyar Unviersity, Salem, during 15 th to 16 th October 2015.
9	Roopa Naik	Best Poster Presentation Award at KSTA National Conference held at VSK University, Ballari, during 8-10 March 2017.

SUCCESSFUL GUIDANCE FOR THE AWARD OF Ph. D DEGREE

Student's name	Title of the topic	Status
1.Mr.M. B. Melwanki	Spectrophotometric determination of some transition metals	Awarded Ph.D degree on 10-07-02
2. Miss A. G. Sajjan	Development of new novel methods for the assay of some drugs of pharmaceutical interest	Awarded Ph.D degree on 08-10-02
3. Miss S. P. Masti	Studies on spectrophotometric investigations of some transition metals	Awarded Ph.D degree on 12-10-02

4. Mr. B. G. Gouda	Development of new methods for the determination of some drugs of pharmaceutical importance	Awarded Ph.D degree on 16-01-03
5. Mr. B. S. Nagaralli	Studies on the determination of bioactive compounds of pharmaceutical importance	Awarded Ph.D degree on 09-05-03
6. Mr Shaikh Sarfaraj Takhi	Studies on the assay of selected drugs and the interaction of drugs with protein	Awarded Ph.D degree on 26-05-07
7. Mr K. Hari Krishna	Spectrophotometric assay of bioactive compounds of pharmaceutical importance	Awarded Ph.D degree on 4-12-2007
8. Mr. Pradeep B Kandagal	Studies on the interaction of potentially active compounds with biomolecules and assay of some bioactive compounds	Awarded Ph.D degree on 12-7-2008
9. Mr. B. P. Kamat	Studies on the interaction of bioactive compounds with bovine serum albumin	Awarded Ph.D degree on 24-7-2008
10. R. Sudhir Kumar	Spectrophotometry and Chromatography as tools for quality evaluation of selected drugs in pharmaceutical formulations	Awarded Ph.D degree on 16-1-2009
11. D.H. Manjunatha	Development of analytical methods for the assay of drugs and investigations on the interactions of some bioactive compounds	Awarded Ph.D degree on 16-4-2009
12. Mr. S.S. Kalanur	Development of analytical methods for the assay of drugs and investigations on the interactions of biomolecules	Awarded Ph.D degree on 11-10-10
13. Mr. K. Umesha	Binding studies of macromolecules: synthesis and biological activities of some organic compounds of pharmaceutical importance	Awarded Ph.D degree on 21-1-2013
14. Miss Ashwini Hegde	Mechanistic and Conformational studies of interactions of macromolecules with compounds of biological interest	Awarded Ph.D degree on 29-10-13

15. Miss Reeta Punith	Spectroscopic and Electrochemical investigations on the mechanism and conformational aspects of interactions of biomolecules	Awarded Ph.D degree on 1-6-14
16. Miss B. Sandhya	Electrochemical and multispectroscopic approaches for the investigation of conformational and binding characteristics of some bioactive compounds with macromolecules.	Awarded Ph.D degree on 29-9-14
17. Mr S. N Prashanth	Electrochemical investigations and binding characteristics of some bioactive compounds and analytical methods for their assay.	Awarded Ph.D degree on 5-8-15
18. Mr. Veerendra Kumar A. K	Synthesis, characterization, binding & biological evaluation of some heterocyclic compounds	Awarded Ph.D degree on 26-12-15
19. Mr. Nagappa L Teradal	Nanomaterial based Electrochemical Sensors for Analytical and Binding Applications of Bioactive Compounds	Awarded Ph.D degree on 26-12-15
20. Miss Ranjita D Tandel	Fabrication and application of nanomaterial based electrochemical sensors for some bioactive compounds	Awarded Ph.D degree on 3-12-2018
21. Miss Suma K Pawar	Binding, molecular docking and electrochemical studies of selected bioactive compounds	Awarded PhD degree on 20-5-2019
22. Mr Ayyapayya S Mathad	Fabrication, characterization and applications of graphene and nanomaterial based electrochemical sensors	Working
23. Miss Roopa Naik	Spectroscopic, molecular docking and voltammetric studies on the binding and analytical aspects of selected bioactive compounds	Working
24. Miss Swathi T.P	Development of nanomaterial based electrochemical sensors and supercapacitors	Working
25. Miss Manasa D	Spectroscopic, binding and electrochemical studies of some biologically important heterocyclic compounds	Working
26. Miss Karuna Korgaonkar	Studies on the preparation and characterization of nanomaterials for sensing and energy storage applications	Working

M.Phil.

1. Mr. Nagappa L. Teradal Electrochemical investigations on some bioactive compounds and their assay Awarded in 2010

CONFERENCES/WORKSHOPS ATTENDED

Sl. No.	Conference/Workshop /Symposium/Seminar	Title of the paper presented	Organizers	Date & Venue
1	VI International Conference	Insights in to the interaction of Galangin with human serum albumin: Spectroscopic and docking approaches	Indian Council of Chemists	6-8, June, 2019 Paris(France)- Brussels(Belgium)
2	Cities in Transition	Deputed	Karnataka State Innovation Council	28-30, Nov.2016
3	Symposium on current Trends in Analytical Chemistry	Voltammetric analysis and binding behavior of an anti-retroviral drug, raltegravir with DNA using ethidium bromide as a probe	BARC, Mumbai	26-29 May 2015
4	51 st Annual Convention of Chemists 2014	Insights on the interaction of vernecline with human serum albumin:	Kurukshetra University, Kurukshetra	8-12 Dec.2014
5	National Conference on Pure and Applied Chemistry	Electrochemical characterization and mechanism of binding of an anti-convulsive drug to serum protein by spectroscopic and docking studies	University of Mysore, Mysore	29-31 Dec.2014
6	International conference on Biological Inorganic Chemistry		Periyar University, Salem	20-22, Feb.2013
7	32 nd			
8	National Conference on Recent Trends in Chemistry	Chaired the Session and presented paper	PES College, Mandya, KSOU, Mysore	16-17, Sept.2011

9	29 th Conference of the Indian Council of Chemists	Binding of a carbazole drug Ondansetron hydrochloride with human serum albumin: Spectroscopic approach	Punjab Univ. Chandigarh	19-21, Dec. 2010
10	International Conference on current Trends in Chemistry and Biochemistry	Enhanced electrochemical response of carbamazepine at nano-structured sensing film of fullerene C ₆₀ and its analytical applications	Bangalore Univ.	18-19, Dec. 2009.
11	27 th Annual National Conference	Mechanism of interaction of carbamazepine with HSA: Spectroscopic approach	Indian Council of Chemists	26-28 th Dec. 2008 Gurukul Kangri Vishwavidyalaya, Haridwar
12	International Conference on recent advances in Chemistry	-----	Indian Chemical Society & KUD	23-27, Nov. 2008 KUD
13	National Seminar on recent trends in Chemistry	-----	UGC	18-2-08 Karnatak Univ.
14	Participated in Winter School in Bioinorganic Chemistry	-----	IIT Bombay Mumbai & DST, New Delhi	17-30, Nov. 2007 IITB, Mumbai
15	Participated in EastCHEM and CRUK Inaugural Scottish Cancer Medicinal Chemistry Symposium	-----	Univ. of St. Andrews, St Andrews, UK	29-3-2007 Univ. of St. Andrews, UK
16	Participated in DST Workshop on National Initiative on Bioinorganic Chemistry	-----	IISc, B'lore. & DST, New Delhi	IISc, B'lore 20-22, Oct. 2005
17	National Seminar on Novel Trends in Syn. Str. Reaction Dynamics & biol. studies of coord. compounds	Mechanism of Interaction of N-alkyl phenothiazines with BSA -----interacts: Spectroscopic approach.	Gandhigram Rural Institute (Deemed Univ.)	March 3-5, 2005 Gandhigram (TN State)
18	Participated in Intl.	-----	IISc, B'lore	24-26, Jan. 2005

	Workshop on Recent Trends in Solid State NMR in Biol. systems			
19	National Symposium on Radiation & Photochemistry	Spectroscopic investigations --- bovine serum albumin	Karnatak University and BARC, Mumbai	17-19, Jan.2005
20	Participated in 55 th Indian Pharmaceutical Congress	-----	Sri Ramachandra Med.College	19-21, Dec.2003 Chennai
21	Participated in Regional Training course on Analytical Chemistry	-----	UNESCO, New Delhi IITM, Chennai	22 nd Nov. to 5 th Dec.1999 IITM, Chennai
22	National Conference on Recent Trends ----- --Applications	Spectrophotometric studies on ----- waste water	University of Mysore	28-30, Oct.1999 Mysore
23	National conference on current trends in chemistry	Synthesis, spectral----- phenothiazines	Annamalai University	March 20-22, 1998 Annamalai-nagar
24	3 rd Intl. Symposium on ---pharmaceutical Sci and Tech.	Spectrophotometric--- pharmaceutical preparations.	Ahmedabad	Feb.7-9, 1997 Ahmedabad
25	8 th Intl Conference phenothiazines and related compounds	Extractive spectrophotometric --- chlorophenol red	University of Jaipur	Feb.26-29, 1996 Jaipur
26	31 st Annual Convention of Chemists	Rapid oxidimetric--- pharmaceutical preparations	Banarus Hindu University	Dec.21-24, 1994 Varanasi

i) Mechanism of Interaction of N-alkyl phenothiazines with bovine serum albumin and effects of inorganic compounds on interactions at National Seminar on Novel Trends in Synthesis, Structure, Reaction dynamics and Biological Studies of Coordination Compounds, **March, 3-4, 2005, Gandhigram**

ii) Investigation of the interaction between trazodone hydrochloride and human serum albumin at National Symposium on Bio-Organic and medicinal Chemistry (NSBM), **October 05-07, 2005, Mysore**

iii) Interaction of a bioactive component coumarin derivative to protein and the effects of some common ions on binding at Trombay symposium on radiation and photochemistry, (TSRP-2006), January, **5-9,2006, BARC, Bombay**

A two-day national conference on recent advances in chemistry” jointly organised by UGC-DSA-I programme and karnatak university dharwad on march 24,25 2018

iv) Binding of phenothiazines to albumin using tryptophan fluorescence quenching at Trombay symposium on radiation and photochemistry, (TSRP-2006), January, **5-9, 2006, BARC, Bombay**

v) Investigation of the interaction between butaperazine dimaleate and human serum albumin at 2nd International Symposium on Drug discovery and process research(DDPR-2006), **10th -12th February 2006, Belgaum**

vi) Sensitive spectrophotometric method for the determination of indomethacin in capsules at 2nd International Symposium on Drug discovery and process research(DDPR-2006), **10th -12th February 2006, Belgaum**

vii) Spectrofluorimetric and Circular Dichroism Studies on the mechanism of interaction of vitamin K₃ with bovine serum albumin at Emerging Trends and New Vistas in Chemistry (EMTIC-2005) Calicut University, **November-2005, Kerala.**

viii) High-performance liquid chromatographic determination of deflazocort in pharmaceutical formulations and human plasma at National conference in Chemistry (NCC-2006) Bangalore University, **27th – 29th September, 2006.**