

CURRICULUM-VITAE

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Successful Guidance for Ph.D : 15 Candidates
05 Candidates (In progress)

**Successful Guidance for
Post-Doctoral candidate** : 01
Successful Guidance for M.Phil. : 03
M. Sc. Dissertation : 70

Area of Expertise:

- Coordination Chemistry and Catalysis
- DNA/Protein interaction studies
- Organic Synthesis
- Spectrophotometry
- Trace element detection and Pharmaceutical Analysis

Membership in Academic Societies:

1. Indian Association of Solid State Chemists and Allied Scientists- Life Member
2. Indian Society of analytical Scientists- Life Member
3. New York Academy of Sciences- Annual Member(1998)
4. Indian Association of Nuclear Chemists and Allied Scientists- Life member
5. American Association for the Advancement of Science- 2002 and 2003
6. Indian Science Congress-life Member-2014
7. Indian Science Congress Association- Transportation Committee (2016)

Academic Council Members:

Position	Name of the academic positions held	College / Institution/ University
Chairman	BOE of Chemistry	University of Mysore
Member	BOS of Chemistry	University of Mysore
Member	BOS of Chemistry	JSS College for arts, commerce and science
Member	BOS of Chemistry	Govt. Science College Hassan
Member	BOS and BOE of Chemistry	JSS College for Women
Member	BOS of Chemistry	Govt. College Mandya
Member	BOS of Chemistry	Gulbarga University
Member	BOS of Chemistry	Maharanis Science College, Mysuru
Member	BOS of Chemistry	Mahajana College, Mysuru
Member	BOE of Chemistry	Davangere University
Member	BOE of Chemistry	Mangalore University
Member	BOE of Chemistry	Tumkur University
Member	BOE of Chemistry	Bangalore Univeristy North
Member	BOE and BOS of Chemistry	Kuvempu University

LIST OF PUBLICATIONS

1. P.G. Ramappa and **H.D. Revanasiddappa**, Rapid spectrophotometric assay of andantol in pharmaceutical formulations, *East.Pharm.*, **37** (1994) 123.
2. **H.D. Revanasiddappa** and P.G. Ramappa, Extractive spectrophotometric determination of pentazocine, orphenadrine and doxepin hydrochlorides. *Indian J. Pharm. Sci.*, **57** (1995) 85.
3. **H.D. Revanasiddappa** and P.G. Ramappa, A new chromatographic system for the identification of phenothiazine drugs, *Indian drugs*, **32** (1995) 73.
4. **H.D. Revanasiddappa** and P.G. Ramappa, Spectrophotometric determination of some phenothiazine derivatives in pharmaceutical preparations. *East.Pharm*, **38** (1995) 127.
5. **H.D. Revanasiddappa** and P.G. Ramappa, Reverse phase HPLC determination of pipazethate hydrochloride and thioproperazine mesylate in tablets. *Indian Drugs*, **32** (1995) 534.
6. **H.D. Revanasiddappa** and P.G. Ramappa, Spectrophotometric determination of some phenothiazine drugs, *Talanta*, **43** (1996) 1291.
7. **H.D. Revanasiddappa**, B.Manju and P.G. Ramappa, Spectrophotometric determination of ritodrine hydrochloride and amoxicillin, *Anal. Sci.*, **15** (1999) 661.
8. **H.D. Revanasiddappa** and B. Manju, Spectrophotometric determination of some antidepressant drugs using MBTH, *European J.Pharm.Sci.*, **9** (1999) 221.
9. P.G. Ramappa, Somashekar and **H.D. Revanasiddappa**, Spectrophotometric assay of perinorm in pharmaceutical formulations. *J. Inst. Chemists (India)*, **71** (1999) 87.

10. P.G. Ramappa, Somashekar and **H.D. Revanasiddappa**, Facile spectrophotometric methods for the determination of metoclopramide hydrochloride in pharmaceutical dosage forms. *Indian Drugs*, **36** (1999) 381.
11. **H.D.Revanasiddappa**, B. Manju and P.G. Ramappa, Spectrophotometric determination of secnidazole in pharmaceutical formulations. *East.Pharm.*, **43** (2000) 141.
12. **H.D. Revanasiddappa** and B. Manju, Spectrophotometric determination of ritodrine and isoxsuprine hydrochlorides using 4- aminoantipyrine. *JAOAC Int'l*, **83** (2000) 1440.
13. **H.D. Revanasiddappa** and B. Manju, Spectrophotometric method for the analysis of some catecholamine drugs, *East. Pharm.*, **44** (2001) 117.
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15. **H.D. Revanasiddappa** and B.Manju, Spectrophotometric method for the determination of metoclopramide and dapsone, *J.Pharm.Biomed.Anal.*, **25** (2001) 631.
16. **H.D. Revanasiddappa**, and B. Manju, Spectrophotometric methods for the determination of ritodrine and its application to pharmaceutical preparations, *IL Farmaco*, **56** (2001) 615.
17. **H.D. Revanasiddappa** and T.N. Kiran Kumar, A facile spectrophotometric determination of nitrite using diazotization with *p*-nitroaniline and coupling with acetylacetone. *Mikrochimica Acta*, **137** (2001) 249.
18. **H.D. Revanasiddappa** and T.N. Kiran Kumar, Spectrophotometric determination of trace amounts of chromium with citrazinic acid, *J.Anal. Chem.*, **56** (2001) 1084.
19. **H.D. Revanasiddappa** and T.N. Kiran Kumar, A facile spectrophotometric method for the determination of selenium. *Anal. Sci.*, **17** (2001) 1309.
20. **H.D. Revanasiddappa**, and T.N. Kiran Kumar, New spectrophotometric method for the determination of nitrite in water. *Fresenius Environ. Bull.*, **10** (2001) 781.
21. Somashekhara, P.G. Ramappa and **H.D. Revanasiddappa**, Extractive spectrophotometric determination of antihypertensive agents in pharmaceutical dosage forms, *Indian Drugs*, **38** (2001) 97.
22. **H.D. Revanasiddappa** and B. Manju, Spectrophotometric determination of some chemotherapeutic agents in pharmaceutical preparations, *Drug. Development. Ind. Pharm.*, **28** (2002) 517.
23. **H.D. Revanasiddappa** and T.N. Kiran Kumar, Rapid spectrophotometric determination of chromium with trifluoperazine hydrochloride, *Chem. Anal (Warsaw)*, **47** (2002) 301.
24. **H.D. Revanasiddappa** and T.N. Kiran Kumar, A simple and rapid spectrophotometric determination of thallium with trifluoperazine hydrochloride, *Anal. Sci.*, **18** (2002) 1131.

25. **H.D. Revanasiddappa** and T.N. Kiran Kumar, Spectrophotometric determination of selenium by use of thionin, *Anal. Bioanal. Chem.*, **374** (2002) 1121.
26. **H.D.Revanasiddappa**, and T.N.Kiran Kumar, Spectrophotometric determination of cerium with LXCFF, *Anal.Sci.*, **18** (2002) 1275.
27. **H.D.Revanasiddappa**, and B.Manju, Gas chromatographic determination of pipazethate and thiopropazine mesylate, *Indian Drugs*, **39** (2002) 589.
28. H.S. Bhoja Naik, P.R. Chetana and **H.D. Revanasiddappa**, Synthesis, spectral and thermal degradation kinetics of divalent cadmium complexes of dothiepine and diphenhydramine, *Turk. J. Chem.*, **26** (2002) 565.
29. H.S. Bhoja Naik, P.R. Chetana and **H.D. Revanasiddappa**, Complexes of divalent cadmium with N,N-dimethyl-3-dibenzo[b,e]-oxepin-11-(6H⁺-ylidene-1-propanamine chloride:Synthesis and evaluation of thermal degradation kinetics. *J.Indian Chem. Soc.*, **79** (2002) 955.
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61. H.C. Devarajegowda, **H.D. Revanasiddappa**, L. Shiva Kumar, V. Sumangala and V.D. Jagdeesh Prasad, '2-{([E]-2-hydroxybenzylidene)amino}-1H-isoindole-1,3(2H)-dione', *Acta Crystallographica Sec. E*, **E66**, (2010) o2703.
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65. Kalsang Tharpa, K. Basavaiah, **H.D. Revanasiddappa**, and K.B. Vinay, "Spectrophotometric determination of isoxsuprine hydrochloride using 3-methyl-2-benzothiazolinone hydrazone hydrochloride in spiked human urine and pharmaceuticals", *Talanta*, **81**, (2010) 1216-1223.

66. K.B. Vinay, **H.D. Revanasiddappa**, Okram Zenita Devi and K. Basavaiah, "Spectrophotometric determination of Etamsylate in pharmaceuticals using ferric chloride based on complex formation reactions", *Chemical Industry and Chemical Engineering Quarterly*, **16(1)**, (2010) 1-9.
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69. K.B. Vinay, **H.D. Revanasiddappa**, P. R. Shantala, K. Basavaiah "Simple and Sensitive Titrimetric and Spectrophotometric Determination of Enalapril Maleate in Pharmaceuticals using Permanganate", *Eurasian J. Anal. Chem.*, **5(1)**, (2010) 112-125.
70. K.B. Vinay, **H.D. Revanasiddappa**, O. Zenita Devi and K. Basavaiah, "Use of Iron (III) Chloride for the Sensitive and Selective Assay of Etamsylate in Pharmaceuticals", *Jordan Journal of Chemistry*, **5(3)**, (2010) 291-305.
71. K. Shiva Prasad, L. Shiva Kumar, Melvin Prasad and **H. D. Revanasiddappa**, "Novel organotin(IV)-Schiff base complexes: Synthesis, characterization, antimicrobial activity and DNA interaction studies", *Bioinorganic Chemistry and Applications*, **2010**, (2010) 1-9.
72. K.B. Vinay, **H.D. Revanasiddappa**, N. Rajendraprasad, M.S. Raghu, P.J. Ramesh, Cijo M. Xavier and K. Basavaiah. 'Determination of tramadol hydrochloride and its preparations by acid-base titration in non-aqueous medium'. *Journal of Pre-Clinical and Clinical Research*, **4(1)**, (2010) 19-23.
73. K.B. Vinay, **H.D. Revanasiddappa** and N. Rajendraprasad. 'Potentiometric determination of Quetiapine Fumarate in Pharmaceutical Formulations'. *Portugaliae Electrochimica Acta*, **28(5)**, (2010) 299-308.
74. K.B. Vinay, **H.D. Revanasiddappa**, M.S. Raghu, N. Rajendraprasad and K.N. Prashanth. "Spectrophotometric assay of Mycophenolate mofetil in pharmaceuticals using cerium(IV) and p-dimethylaminobenzaldehyde", *My Science*, **1**, (2010) 28-38.
75. K. Shiva Prasad, L. Shiva Kumar and **H. D. Revanasiddappa**. "Synthesis, characterization, antimicrobial and DNA interaction studies of copper(II) complexes of 4(3H)-quinazolinone-derived Schiff base", *My Science*, **2**, (2010) 1-10.
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79. K. Shiva Prasad, L. Shiva Kumar, K.B. Vinay, S. Chandra Shekar, B. Jayalakshmi, **H. D. Revanasiddappa**, “DNA interaction studies, antimicrobial and anthelmintic activity of sulfonamides of 1,3-dioxolane and 3,4-dihydroquinolin-2(1*H*)-one analogues: Synthesis and characterization”, *International Journal of Chemistry Research*, **2(1)**, (2011) 1-6.
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83. L. Shiva Kumar, K. Shiva Prasad and **H. D. Revanasiddappa**, “Synthesis, characterization, antioxidant, antimicrobial, DNA binding and cleavage studies of mononuclear Cu(II) and Co(II) complexes of 3-hydroxy-N'-(2-hydroxybenzylidene)-2-naphthohydrazide”, *European Journal of Chemistry*, **2(3)**, (2011) 394-403.
84. K. Shiva Prasad, L. Shiva Kumar, S. Chandan, B. Vijaya and **H. D. Revanasiddappa**, “Synthesis, characterization and DNA interaction studies of copper(II) complex of 4(3*H*)-quinazolinone-derived Schiff base”, *Analele Universitatii Bucuresti-Chimie*, **20(1)**, (2011) 07–13.
85. K. Shiva Prasad, L. Shiva Kumar, **H.D. Revanasiddappa**, B Vijay and B. Jayalakshmi, “Synthesis, Characterization and Antimicrobial Activity of Cu(II), Co(II), Ni(II), Pd(II) and Ru(III) Complexes with Clomiphene Citrate”, *Chemical Sciences Journal*, **2011(28)**, (2011) 1-11.

86. K. Shiva Prasad, L. Shiva Kumar, Melvin Prasad, Jayalakshmi B and **H. D. Revanasiddappa**. "Synthesis, spectral characterization, DNA interaction studies, anthelmintic and antimicrobial activity of transition metal complexes with 3-(2-hydroxybenzylideneamino)-2-methylquinazolin-4(3H)-one and 1,10-phenanthroline". *Bio-interface Research in Applied Chemistry*, **1(4)**, (2011) 127-138.
87. **H.D. Revanasiddappa**, H.N. Deepakumari and S.M. Mallegowda, Visible spectrophotometric methods for the analysis of lamotrigine using Leuco crystal violet, Leuco xylene cyanol FF and Leuco malachite green is developed *Analele Universitatii Bucuresti-Chimie* **2011**, 20(1) 49-55.
88. **H.D. Revanasiddappa**, H.N. Deepakumari, S.M. Mallegowda and K.B. Vinay, Direct spectrophotometric method based on charge-transfer reactions for reduced nitrazepam and nimodipine using metol-dichromate *Asian Journal of Biochemical and Pharmaceutical Research*, **2011**, 1, 70-77.
89. H.D. Revanasiddappa, S.M. Mallegowda, **H.N. Deepakumari** and K.B. Vinay, Spectrophotometric Determination of Nitrazepam and Nimodipine in pure and the Tablet Dosage Forms, *Asian Journal of Biochemical and Pharmaceutical Research*, **1(1)**, (2011) 2231-2560.
90. K. Shiva Prasad, L. Shiva Kumar, S. Chandan and **H. D. Revanasiddappa**. Diorganotin(IV) complexes of biologically potent 4(3H)-quinazolinone derived Schiff bases: Synthesis, spectroscopic characterization, DNA interaction studies and antimicrobial activity. *Spectrochimica Acta Part A*, **81**, (2011) 276-282.
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92. **H.D. Revanasiddappa**, S.M. Mallegowda, H.N. Deepakumari and K.B. Vinay, Spectrophotometric Methods for the Determination of Nimodipine in Pure and in Pharmaceutical Preparations using Citrazinic acid, Acetyl acetone, Diphenylamine and Chromotropic acid, *Jordan Journal of Chemistry*, **6**, (2011) 413-422.
93. S.A.M. Abdulrahman, K. Basavaiah, **H.D. Revanasiddappa** and K.B. Vinay, Oxidimetric determination of carbamazepine in tablets and syrup using cerium(IV) sulphate. *Proceeding of the Indian National Science Academy*, **77**, (2011) 233-240.
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95. K.B. Vinay, **H.D. Revanasiddappa**, N. Rajendraprasad, P.J. Ramesh, C.M. Xavier and K. Basavaiah, Use of two sulfonthalein dyes in the extraction free spectrophotometric assay of

- Tramadol in dosage forms and in spiked human urine based on ion-pair reaction, *Drug Testing and Analysis*, **3**, (2011) 116-122.
96. **H.D. Revanasiddappa**, H.N. Deepakumari, S.M. Mallegowda and K.B. Vinay, Facile spectrophotometric determination of nimodipine and nitrezipam in pharmaceutical preparations. *Analele Universitatii Bucuresti-Chimie*, **2**, (2011) 189-196.
97. K.B. Vinay, **H.D. Revanasiddappa**, O.Z. Devi, P.J. Ramesh, K. Basavaiah, Rapid titrimetric and spectrophotometric determination of ofloxacin in pharmaceuticals using *N*-bromosuccinimide. *Brazilian Journal of Pharmaceutical Sciences*, **47**, (2011) 251-260.
99. **H.D. Revanasiddappa**, H.N. Deepakumari and S.M. Mallegowda, Development and validation of indirect spectrophotometric methods for lamotrigine in pure and the tablet dosage forms, *Anaele universita Bucuresti-Chimie*, **20(1)**, (2011) 49-55.
100. **H.D. Revanasiddappa**, H.N. Deepakumari, S.M. Mallegowda and K.B. Vinay, Development and Validation of Spectrophotometric Methods for Nitrazepam in Pure and the Tablet Dosage Form, *Moscow University Chemistry Bulletin-Springer (VestnikMoskovskogoUniversiteta, Seriya 2: Khimiya)*, **53**, (2012) 354-359.
101. K.B. Vinay **H.D. Revanasiddappa**, N. Rajendraprasad, P.J. Ramesh, Cijo M. Xavier and K. Basavaiah, "Use of two sulfonphthalein dyes in the extraction free spectrophotometric assay of Tramadol in dosage forms and in spiked human urine based on ion-pair reaction", *Drug Testing and Analysis*, **4(2)**, (2012) 116-122; DOI: 10.1002/dta.247.
102. S. Jeyaseelan, M. Vinduvahini, M. Madaiah, S. Bhattacharya and **H.D. Revanasiddappa**, *N*-[3-(4-Fluorobenzyl)-2,4-dioxo-1,3-diazaspiro[4.5]dec-8-yl]-2-methylbenzenesulfonamide. *Acta Crystallographica Section E*, **E68**, (2012) 105-106.
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170. Interpretation of the binding interaction between bupropion hydrochloride with human serum albumin: A collective spectroscopic and computational approach, M Manjushree, **H D Revanasiddappa**, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 209, 264-273.
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CONFERENCES/WORKSHOPS/CONVENTIONS

1. 7th International conference on phenothiazines and structurally related drugs, Marseille, France, Aug 29- Sep 2, 1993
2. 30th Annual convention of Chemists, Calcutta, Dec 22-24, 1993.
3. 31st Annual convention of Chemists, Varanasi, Dec 22-24, 1994.
4. 8th International conference on phenothiazines and structurally related psychotropic compounds, Jaipur, India, Feb 26-29, 1996.
5. 15th Conference of ICC, Aurangabad, Oct 24-26, 1996.
6. 13th ISAS National symposium on analytical techniques, Bangalore, Nov 24-25, 1998.
7. 17th Conference of ICC, Chennai, Nov 25-27, 1998.
8. National conference on Recent trends in structure, functions, analysis of molecules and applications, University of Mysore, Mysore, Oct 28-30, 1999.
9. National conference on Materials for the new millennium, Kochi, March 1-3, 2001.
10. National seminar on Solid state spectroscopy, S.V.University, Tirupati, Aug 29-31, 2001.
11. Symposium on Emerging trends in chemical research, UDCT, University of Mumbai, Oct 12-13, 2001.
12. International conference on heterocyclic chemistry, University of Rajasthan, Jaipur, Dec 15-18, 2001.

13. 20th Conference of ICC, University of Mysore, Dec 22-24, 2001.
14. 90th Indian Science Congress, Bangalore January 3-7, 2003.
15. 4th Symposium on the role of Analytical science and Allied Disciplines, Bangalore, November 29, 2003.
16. National seminar on Role of chemistry in emerging areas of applied sciences, S.V.University, Tirupati, March 15-17, 2004
17. International conference on solvolysis, University of Mysore, Aug 21-24, 2004.
18. International conference on Water and health, J.C.Engg. Coll. Mysore, Jan 22-23, 2005.
19. National symposium on Bio-organic and medicinal chemistry, University of Mysore, Mysore, Oct 5-7, 2005.
20. International conference on Materials for the Millennium, Cochin University of Science & Technology, March 1-3, 2007.
21. International conference on “*Frontiers in Chemical Research*” organized by Department of Chemistry, Mangalagangothri, Mangalore University, Mangalore on 29-31 December, 2008.
22. National conference on ‘*National Conference on Emerging Areas in Chemistry (NACEAC)*’ on July 31st and August 1st – 2009 held at Manasagangothri, University of Mysore, Mysore.
23. National conference on “*Chemistry and Molecular Nanotechnology for Industry and Society*” held in Kuvempu University, Shimoga on 16th-17th January, 2009.
24. International conference on “*Challenges in Drug Discovery Programme*” organized by Department of Chemistry, Karnataka State Open University, Mysore, India on 16th to 17th February, 2011.
25. “International Symposium on Chemical Biology- Drug Discovery” held at University of Mysore from January 9-10, 2014.
26. “101th Indian science congress held at University of Jammu, Jammu from February 3 to 7, 2014.
27. International Conference on “Science and Technology: Future Challenges and Solutions” held during 8th and 9th August 2016, at Vijnana Bhavan, University of Mysore, Mysuru, Karnataka, India.

- I. Workshop on Bio-inorganic chemistry, Indian Institute of Science, Bangalore, Oct 20-21, 2005.**
- II. BRNS-IANCAS Advanced workshop cum Refresher Course on Radiochemistry and Applications of Radioisotopes, BARC, Mumbai, May 3-23 (Three weeks), 2004.**
- III. Two day Vision Group Meeting on Science & Technology Research in Karnataka State Universities, University of Mysore, Mysore, March 8-9, 2010.**
- IV. Two day Vision Group Meeting on Science & Technology Research in Karnataka State Universities, Bangalore University, Bangalore, June 10, 11, 2011.**

RESEARCH PROJECTS- Working as Principal Investigator

1. Synthesis, structure and biological studies on some metal complexes, University of Mysore, Mysore, September 2006- Sept. 2008 (Completed).
2. Phytochemical analysis and chemical biology of some medicinal plants of Western Ghats, Institution of Excellence, University of Mysore, Mysore, UGC- Grants, April 2010- April. 2013 (Completed).