



BIO-DATA

- 1. Name** : **Prof. NAGARAJA NAIK**
- 2. Qualification** : M.Sc., Ph.D., in Chemistry
- 3. Age and Date of Birth** : 57 Years, 11.09.1962
- 4. Address for Communication** : Professor of Chemistry
Department of Studies in Chemistry
University of Mysore
Manasagangotri, Mysuru – 06.
- 5. Contact phone numbers** : a) Office : 0821-2419655
: b) Mobile : 094829 59088
- 6. Email.ID** : a) drnaik_chem@yahoo.co.in
: b) drnaikchem@gmail.com
- 7. Total teaching experience** : 1987-Till date (33 years).
- 8. Research Experience**
For Ph.D., M.Phil and M.Sc
Dissertation students : 1992-Tilldate (As Research Guide in
Chemistry and Environmental Science)
- 9. Thrust area of Research** : Synthetic Chemistry,
Bioinorganic, Bioorganic,
Medicinal Chemistry and Environmental
Science
- 9a. Research Guidance**
- For Ph.D students (Successfully awarded) : 15 members
For Ph.D students (Work under progress) : 05 members
For PDF Student (Presently Working) : 01
- 9b. RESEARCH GUIDANCE**

For M.Phil students : 4 members
For M.Sc Dissertation Students : 122 Members (DOS in Chemistry)
18 Members (Environmental Science)

10. MEMBERSHIP IN ACADEMIC BODY

- a. Life member of Indian Chemistry Society
- b. Member of Association of Microbiologist of India
- c. Life member of Analytical Chemists of India
- d. Life member of Indian Science Congress

11. RECOGNISATION / AWARDS

From 1996-Tilldate : 12 awards

12. NUMBER OF RESEARCH PUBLICATIONS

International publications : 73 papers
National publications : 15 papers

13. NUMBER OF PAPERS PRESENTED IN INTERNATIONAL / NATIONAL SYMPOSIA

International conference : 25
National conference : 45

14. Research Projects : UGC-SAP-DRS-III

Field: Bioorganic and Medicinal
Chemistry
Duration: 5 years
Amount: 92 lakhs

15. Citation

Sum of the times cited : 1078
h-index : 17
i10 index : 31

List of Ph.D awarded candidates

Sl.No	Name	Year of awarded	Area of Research
1	S. Kusuma Devi	2005	Inorganic Chemistry
2	T.R. Divakara	2009	Inorganic Chemistry
3	H.Vijay Kumar	2009	Organic Chemistry
4	V.S. Arun	2010	Inorganic Chemistry
5	R. Gnanendra	2011	Organic Chemistry
6	C. Kishore Kumar	2012	Organic Chemistry
7	Rangaswamy J.	2015	Organic Chemistry
8	S.T. Harini	2015	Organic Chemistry
9	Kumar Naik.K.H.	2015	Inorganic Chemistry
10	V Sharath	2016	Organic Chemistry
11	Ashok.B.	2016	Organometallic Chemistry
12	Gangadhara Ramu Chouhan	2016	Environmental Chemistry
13	Sekar S	2018	Organic Chemistry
14	Bala krishnaiah Ganipisetty	2020 (Thesis Submitted)	Inorganic Chemistry

List of Ph.D. Candidates Presently Working

Sl. No	Name	Year of Registration	Area of research
1	Balakrishnaiah G	2014	Coordination Chemistry
2	Kariyappa N Ankali	2016	Bioorganic and Medicinal Chemistry
3	Priyanka R Patil	2017	Coordination Chemistry
4	Syed Ibrahim	2018	Coordination Chemistry
5	Neelufar	2018	Coordination Chemistry

6	Chanadranaik O	2018	Environmental Chemistry
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Number of M.Phil. Candidates successfully completed

Sl.No	Name	Year of Awarded	Area of research
1	Jikku M.George	2007	Coordination chemistry
2	Shwetha	2009	Coordination chemistry
3	Jayashree	2014	Coordination chemistry
4	Rashmi	2014	Coordination chemistry

List of Post Doctoral Fellow

Sl.No	Name	Year of reported	Area of Research
1	Dr. Rangaswamy J	2016	Bioorganic and Medicinal Chemistry
2	Dr. Kumar Naik KH	2016	Coordination Chemistry

Research Projects

Sl. No	Names of the Principal Investigator and other Investigators	Title of the Project	Sponsoring Agency	Total amount of the project	Remarks
1	Prof. Nagaraja Naik	Bioorganic and Medicinal Chemistry	UGC-SAP-DRS-III 2016	Rs. 92 Lakhs	--

Conference/ Seminar/Other Events Organized:

Sl. No	Status as Organizer	Title of the conference/Seminar	Year
1	Organizing Committee Member	National Conference on Innovations in Chemical Sciences	30 th -31 st January 2020
2	Organizing Secretary	Two National Conference on Recent Innovations in Medicinal and Material Chemistry	8 th -9 th March 2019
3	Organizing committee Member	National Conference on Pure and Applied Chemistry (NACOPAC-2014)	29-31, December, 2015
4	Organizing Secretary	3-Day Postgraduate Science Special Lecture Series Programme	2012
5	Organizing committee Member	National conference on the emerging areas in chemistry	July 31- August 01, 2009
	Organizing committee Member	National Symposium on Bioorganic and Medicinal Chemistry	October 05-07, 2005
6	Organizing committee Member	Innovative Developments in Teaching Chemistry	July 15, 2005
7	Organizing committee Member	Recent trends in structure function analysis molecules and applications'.	October 28 to 30, 1999

Chairman/Member of Authority/Committee etc:

Sl. No.	Chairman/Member	Committee/ Authority	Year (From-To)
	Member	BOS, BOE Tumkur University, Tumkur	2019-tilldate
1	Member	BOS, BOE KSOU, Mysuru	2019-till date
2	Chairman	BOE, University of Mysore, Mysuru	2019
3	Member	BOA, BOS, BOE Bangalore University	2018
4	Member	BOA, BOS, BOE Davangere University	2018
5	Member	BOA SK University, Ballari	2018-2019
	Co-ordinator	Refreshers Course in Chemistry, MHRD Academic Staff College, University of Mysore, Mysuru	2017
6	Chairman	BOE, Davanagere University, Davanagere	2017-2018
	Co-ordinator	UGC-SAP-DRS-III, DOS in Chemistry, University of Mysore, Mysuru	2016-till date
7	Member	BOE, BOS Mangalore University, Mangalore	2016-2017
8	Member	BOE, Kuvempu University, Shivamogga	2016-17
9	Member	BOE, Bangalore University, Bangalore	2014-2016
10	Member	BOS, BOA Gulbarga University, Kalaburagi	2014-2016
11	Chairman	BOE, University of Mysore, Mysuru	2013-2014
12	Member	BOE, Karnataka University, Dharwad	2013-2014
13	Member	BOE, Gulbarga University, Gulbarga	2010-2011
14	Member	BOE, Kuvempu University, Shivamogga	2010-2011
15	Member	BOE (Industrial Chemistry), Kuvempu University, Shivamogga	2009
16	Member	BOE (Chemistry, Organic Chemistry), University of Mysore, Mysore	2009
17	Member	BOE (M.Sc. and M.Phil.) Gulbarga University, Gulbarga	2008
18	Member	BOE (M. Sc. and M. Phil.), Karnataka University	2008
19	Member	BOE, Bangalore University, Bangalore	2008
20	Member	BOE, Mangalore University, Mangalore	2007
21	Member	BOE (M.Sc. and M.Phil.) Gulbarga University, Gulbarga	2006
22	Member	BOE, Karnatak University, Dharwad	2006
23	Member	BOE, University of Mysore, Mysore	2005
24	Member	BOE, Mangalore University, Mangalore	2005

25	Member	BOE Gulbarga University, Gulbarga	2004
26	Member	BOE (Environmental Science) University of Mysore, Mysore	2003

List of Publications (selected)

1. Satish Naik, Parameshwara Naik P, Krishnamurthy G, Venugopal N, **Nagaraja Naik**, Ravikumar Naik T. R. Synthesis, Characterization, DFT Studies and Biological Activity of Ru(III), La(III) and Ce(III) Triphenylphosphine Complexes Containing 2-Aminothiazole and 2- Aminotriazole. *Journal of Inorganic and Organometallic Polymers and Materials*. Accepted, **2020**.
2. N. Sunil Kumar, G. Krishnamurthy, Madhusudana somegowda, Malathesh Pari, T.R. Ravikumar Naik, K.S. Jithendra Kumara, Satish Naik, Shivananda Kandagalla, **Nagaraja Naik**. Synthesis, characterization, electrochemistry, biological and molecular docking studies of the novel Co(II), Ni(II) and Cu(II) complexes derived from methanethiol bridged (2-((1H-benzo[d]imidazol-2-yl)methylthio)-1H-benzo[d]imidazol-6-yl)(phenyl)methanone. *Journal of Molecular Structure*. Accepted **2020**
3. Balakrishnaiah G, Javarappa Rangaswamy, **Nagaraja Naik**. _One pot synthesis of piperidone based transition metal complexes and their antioxidant and antifungal activity studies. *World Journal of Pharmaceutical Research*. **2020**, 6, 1041-1054.
4. K.S. Jithendra Kumara, G. Krishnamurthy, N. Sunil Kumar, **Nagaraja Naik**, T.M. Praveen. Sustainable synthesis of magnetically separable SiO₂/Co@Fe₂O₄ nanocomposite and its catalytic applications for the benzimidazole synthesis. *Journal of Magnetism and Magnetic Materials* **2018**, 451, 808–821.
5. Javarappa Rangaswamy, **Nagaraja Naik**. Synthesis and screening of benzofuran fused c-2,4,6-substituted pyrimidinederivatives as a new antibacterial and antifungal agent. *International Journal of Pharmacy and Pharmaceutical Sciences*. **2017**, 9, 27-32.
6. Javarappa Rangaswamy, **Nagaraja Naik**. Novel phenyl and purine substituted derivatives of quinazolinones: Synthesis, antioxidant and antibacterial features. *Chemical Science Transactions*. **2017**, 7.

7. Balakrishnaiah G, Javarappa Rangaswamy, **Nagaraja Naik**. Synthesis, spectral characterization and biological efficacy of metal complexes with nitrogen and oxygen (NON/NO) donor of thiazole fused Schiff base ligand. *Journal of Emerging Technologies and Innovative Research* **2019**, 6, 609-623.
8. Jithendra Kumara K. S., Krishnamurthy G., Kumara Swamy B. E., Shashi Kumar N. D., Satish Naik., Krishna B. S., **Nagaraja Naik**. Terephthalic acid derived ligand-stabilized palladium nanocomposite catalyst for Heck coupling reaction: without surface-modified heterogeneous catalyst. *Applied Organometallic Chemistry* **2016**. DOI: 10.1002/aoc.3549.
9. Harini S.T., Kumar H.V, Rangaswamy J, **Nagaraja Naik**. Synthesis of Thiazole Based Substituted Piperidinone Oximes: Profiling of Antioxidant and Antimicrobial Activity. *Russian Journal of Bioorganic chemistry*. Accepted. 2016. (Springer: Impact factor-0.660)
10. Rangaswamy J., Kumar H. V., **Nagaraja Naik**. An efficient one-pot synthesis of *N*-(3-(benzofuran-3-yl)-3-oxo-1-phenylpropyl) acetamide scaffolds via multicomponent reaction: as a novel cluster of free radical, oxidation and bacterial inhibitors. *World Journal of Pharmaceutical Research*. **2016**, 5, 1657-1673.
11. Rangaswamy J., Kumar H. V., **Nagaraja Naik**. *N*-(3-(benzofuran-3-yl)-3-oxo-1-phenylpropyl) acetamide scaffolds: synthesis and molecular docking studies towards exploring of anti-inflammatory activity. *European Journal of Biomedical and Pharmaceutical Sciences*. **2016**, 3, 588-595.
12. Sekar S., **Nagaraja Naik**., Mahalingappa S. A., Peethamber S. K. Synthesis and pharmacological evaluation of certain schiff bases of octahydro-1h-pyrrolo [3, 4-b] pyridine derivatives. *International Journal of Pharmacy and Pharmaceutical Sciences*. **2015**, 7, 412-419.
13. Sekar S., **Nagaraja Naik**., Sridhara A. M., Yogisha S. Synthesis and cytotoxic activity evaluation of novel piperazine-quinoline derivatives on breast cancer cell lines. *Der Pharma Chemica*. **2016**, 8(9), 30-38.
14. Sekar S., **Nagaraja Naik**, Sridhara A. M., Yogisha S. Synthesis and anti-cancer activity of some novel 3-(piperazin-1-yl)pyrazin-2-amine derivatives. *Journal of Pharmacy Research*. **2016**, 10(6), 419-425.

15. Kumar H.V., Prasanth K., Rangaswamy J., Sindhu K.U., **Nagaraja Naik**. 5H-dibenz[b,f]azepine based pyrazole sulphonamides: A privileged platform for probing the antimicrobial and antioxidative properties. *European Journal of Chemistry*. **2015**, 6(4), 394-403.
16. Kumar Naik K. H., Ashok B., **Nagaraja Naik**., Jameel Ahmed S. M., Avinash P. DNA binding, anti-inflammatory and analgesic evaluation of metal complexes of N/S/O donor ligands; Synthesis, spectral characterization. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **2015**, 141, 88-93.
17. Ashok B, Kumar Naik. K.H, Jameel Ahmed S. Mulla, **Nagaraja Naik**. An agile synthesis of 5-phenyl-1, 2, 3-selenadiazoles by using DABCO as an efficient catalyst and their analgesic and anti-inflammatory activity. *Indo American Journal of Pharmaceutical Research*. **2015**, 5....
18. Ashok B., Kumar Naik K.H., Avinash P., **Nagaraja Naik**. Efficient Synthesis of novel diorganyl selenides via cleavage of Se-Se bond of diselenides by RuCl₃/Zn and screened for their biological efficacy. *World journal of pharmaceutical Research* **2016**. (Article in press).
19. Rangaswamy J., Vijay Kumar H., Harini S. T., **Nagaraja Naik**. Synthesis of novel benzofuran gathered C-2,4,6-substituted pyrimidine derivatives conjugated by sulfonyl chlorides: as a new series of potent antioxidants and antimicrobials drug candidate. *Journal of Heterocyclic Chemistry*. **2014**, 52, 1349-1360
20. Rangaswamy J., Vijay Kumar H., Harini S.T., **Nagaraja Naik**. An easy access to benzofurans via DBU induced condensation reaction of active 2-hydroxy acetophenones with phenacyl chlorides: A novel class of antioxidant agents. *Journal of Heterocyclic Chemistry*, **2015**, 52, 938-943.
21. Harini S.T., Vijay Kumar H., Peethambar S. K., Rangaswamy J., **Nagaraja Naik**. Novel 2,6-bis(4-methoxyphenyl)-1-methylpiperidin-4-one oxime esters: synthesis and a new insight into their antioxidant and antimicrobial potential. *Medicinal Chemistry Research*. **2014**, 23, 1887-1898.
22. Kumar Naik K.H., Selvaraj S., **Nagaraja Naik**. Metal complexes of ONO donor Schiff base ligand as a new class of bioactive compounds; Synthesis, characterization and biological evolution. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **2014**, 131, 599-605.

23. Kumar Naik K. H., Ashok B., **Nagaraja Naik**, Ruthenium metal complexes and their biological approach-A Short Review. *International Journal of Pharmaceutical Sciences and Research*. **2014**, 5(3), 758-773. (**Review article**).
24. Kumar Naik K.H., **Nagaraja Naik**. N/S/O Functionalized ligands and their metal complexes: Synthesis, characterization and biological activities. *World Journal of Pharmaceutical Research*. **2014**, 3 (2) , 2054-2069.
25. Rangaswamy J., Vijay Kumar H, Harini S. T., **Nagaraja Naik**. Functionalized 3-(benzofuran-2-yl)-5-(4-methoxyphenyl)-4,5-dihydro-1H-pyrazole scaffolds: A new class of antimicrobials and antioxidants. *Arabian journal of Chemistry*. Article in Press. **2013**.
26. Kumar Naik K.H., Ashok B., Avinash Prakasha, **Nagaraja Naik**. Synthesis, spectral characterization of schiff base transition Metal complexes: ache inhibitor, antioxidant and antimicrobial Activity studies. *Canadian Journal of Applied Sciences*. **2013**, 4(3), 473-490.
27. Kumar Naik K.H., Ashok B, **Nagaraja Naik**. Biologically active N/O/S donor ligands: Synthesis, characterization and biological activity with metal chelates. *International Journal of Chemical and Pharmaceutical Sciences*. **2013**, 4 (2), 110-116.
28. Kumar Naik K.H., Ashok B, **Nagaraja Naik**. Synthesis, characterization and biological properties of metal complexes with an N/S/O functionalized ligands. *International Journal Of Pharmaceutical And Chemical Sciences*. **2013**, 2(3), 1404-1407.
29. **Nagaraja Naik**., H. Vijay Kumar., Sandra Maria Dias., Rangaswamy J. Novel 4-methoxy-2-acetyl benzofuran based chalcones: A new perceptivity into their antioxidant potentials. *International Journal of Pharmacy and Pharmaceutical Science*. **2013**, 5, 242-247.
30. **Nagaraja Naik**., Kumar Naik K.H. Synthesis, structural and antimicrobial studies of pacatol complexes of cobalt (II) salts. *mySCIENCE VII (1-2)*, **2012**. 51-58.
31. Rangaswamy J., Vijay Kumar H., Harini S.T., **Nagaraja Naik**. Synthesis of benzofuran based 1,3,5-substituted pyrazole derivatives: As a new class of potent antioxidants and antimicrobials-A novel accost to amend biocompatibility. *Bioorganic & Medicinal Chemistry Letters*. **2012**, 22, 4773-4777.
32. Harini S. T., Vijay Kumar H., Rangaswamy J., **Nagaraja Naik**. Synthesis, antioxidant and antimicrobial activity of novel vanillin derived piperidin-4-one oxime esters:

- Preponderant role of the phenyl ester substituents on the piperidin-4-one oxime core. *Bioorganic & Medicinal Chemistry Letters*. 2012, 22, 7588–7592.
33. **Nagaraja Naik.**, Vijay Kumar H., Rangaswamy J. Novel indole-3-butyric acid analogues: Synthesis and a new insights into their antioxidant activity. *Journal of Pharmacy Research*. **2012**, 5, 4504-4509.
 34. **Nagaraja Naik.**, Vijay Kumar H., Rangaswamy J., Harini S.T., Umeshkumar T.C. Three component one pot synthesis of 5-Substituted 1-Aryl-2,3-diphenyl imidazoles: A novel class of promising antioxidants. *Journal of Applied Pharmaceutical Science*. **2012**, 2, 067-074.
 35. **Nagaraja Naik.**, Vijay Kumar H., Nandini., Harini S. T. Synthesis and Preliminary Evaluation of 2-chloro-8-methylquinoline Imides as Potential Antioxidants. *Drug Invention Today*, **2012**
 36. **Nagaraja Naik.**, Sharath V., Vijay Kumar H. Novel indole-2-carboxylic acid analogues: Synthesis and a new light in to their antioxidant potentials. *European Journal of Chemistry*. **2012**, 3 (2), 214-219.
 37. **Nagaraja Naik.**, Vijay Kumar H., Roopashre., Novel indole-3-carboxaldehyde analogues: Synthesis and their antioxidant evaluation. *Der Pharma Chemica*. **2012**, 4(2), 783-790.
 38. **Nagaraja Naik.**, Vijay Kumar H., Veena V. Novel phenothiazine analogous: Synthesis and a new perceptivity into their antioxidant potential. *Der Pharmacia Lettre*. **2012**, 4 (3), 786-794.
 39. V. Sharath, H. Vijay Kumar, **Nagaraja Naik**. Synthesis and in vitro antioxidant evaluation of some indole-2-carboxylic acid-aryl amine conjugates. *Chemical Science Transaction*, **2012**, 2(1), 113-122.
 40. **Nagaraja Naik**, H. Vijay Kumar, T. Shubhavathi, Synthesis and antioxidant evaluation of novel 5-methoxy indole analogues, *International Journal of Current Pharmaceutical Research*, **2011**, 3, 109-113.
 41. C. Kishor Kumar, H. Vijay Kumar, **Nagaraja Naik**. Synthesis of *N*-Methyl-6-heterocyclic-1-oxoisindoline Derivatives by Microwave Assisted Buchwald-Hartwig Amination. *E-Journal of Chemistry*, **2011**, 8(3), 1108-1113.

42. H. Vijay Kumar, C. Kishor Kumar, **Nagaraja Naik**. Synthesis of novel 3-chloro-1-(5H-dibenz[b,f]azepine-5yl)propan-1-one derivatives with antioxidant activity. *Medicinal Chemistry Research*. **2011**. 20, 101–108.
43. **Nagaraja Naik**, H. Vijay Kumar, S.T. Harini. Synthesis and Antioxidant Evaluation of Novel Indole-3-acetic acid Analogues. *European Journal of Chemistry*. **2011**, 2 (3), 338-341.
44. H. Vijay Kumar, **Nagaraja Naik**. Synthesis and antioxidant activities of some novel 5H-dibenz[b,f]azepine derivatives in different *in vitro* model systems. *European Journal of Medicinal Chemistry*, **2010**, 45 (1), 2-10.
45. H. Vijay Kumar, A. Ranga Rao, S. Varakumar, **Nagaraja Naik**, Evaluation of in vitro antioxidant activity of 5H-dibenz[b,f]azepine and its analogues, *Journal of Physical Science*, **2010**, 21(1), 79–92.
46. C. Kishor Kumar, H. Vijay Kumar, Giriya pura R. Vijaya Kumar, **Nagaraja Naik**. Oxoisoindoline-5-carboxamides: Synthesis and their Antioxidant Activity Studies. *Journal of Pharmaceutical Science and Technology*, **2010**, 2 (12), 380- 390.
47. H. Vijay Kumar, C.R. Gnanendra, D. Channe Gowda, **Nagaraja Naik**. Synthesis of amino acid analogues of 10-methoxy-dibenz[b,f]azepine and evaluation of their radical scavenging activity. *Bulgarian Chemical Communication*, **2009**, 4(1), 72-79.
48. B. N. Lakshminarayana, J. Shashidhara Prasad, C. R. Gnanendra, M. A. Sridhar and **Nagaraja Naik** “1-Acryloyl-2,6-bis(4-chlorophenyl)-3,5-dimethylpiperidin-4-one” *Acta Cryst.* **2009**, E65, o1001.
49. B. N. Lakshminarayana, C. R. Gnanendra, T. N. Mahadeva Prasad, M. A. Sridhar, **Nagaraja Naik**, D. Channe Gowda and J. Shashidhara Prasad, “Structural Conformation of a Novel Piperidine-4-One Derivative: 1-Acryloyl-3-Methyl-2,6-Dip-Tolylpiperidine-4-One” *J Chem Crystallogr* DOI 10.1007/s10870-010-9722-x.
50. C. R. Gnanendra, B. N. Lakshminarayana b; G. B. Thippeswamy b; M. A. Sridhar b; **Nagaraja Naik**, J. Shashidhara Prasad b Crystal and Molecular Structure Analysis of 1-Acryloyl-3-methyl-2,6-bis(3,4,5-trimethoxyphenyl) piperidine-4-one *Mol. Cryst. Liq. Cryst.*, Vol. 515, **2009** pp. 179–189.
51. H. Vijay Kumar, C. R. Gnanendra and **Nagaraja Naik** “Synthesis of Amino acid analogues of 5H-Dibenz [b,f] azepine and evaluation of their radical scavenging activity” *E-Journal of Chemistry*, 6(1), **2009**, 125-132

52. H. Vijay Kumar, C.R. Gnanendra, **Nagaraja Naik**, D. Channe Gowda, In vitro antioxidant activity of Dibenz[d,f]azepine and its analogues, *E-Journal of Chemistry*, **2008**, 5(S2), 1123-1132.
53. **Nagaraja Naik**, H. Vijay Kumar, Swetha, 5-dipenylpenta-1,4 dien-3-ones: A novel class of free radical scavengers. *Bulgarian Chemical Communications*, **2011**, 43, 460-464.
54. **Nagaraja Naik**, H. Vijay Kumar, Vidhyashree. Synthesis and evaluation of antioxidant potential of novel isatin analogues. *Journal of Pharmacy Research*. **2011**, 4(8), 2686-2689.
55. **Nagaraja Naik**, H. Vijay Kumar, Anitha. Synthesis and evaluation of novel *p*-coumaric acid amides as antioxidants. *International Journal of Pharmacy and Pharmaceutical Sciences*. **2011**, 3, 57-62.
56. **Nagaraja Naik**, H. Vijay Kumar, H. Swetha. Synthesis and evaluation of novel carbazole derivatives as free radical scavengers. *Bulgarian Chemical Communications*. **2010**, 42, 1, 40-45.
57. H. Vijay Kumar, C.R. Gnanendra, **Nagaraja Naik**. Synthesis of amino acid analogues of 5H-dibenz[b,f]azepine and evaluation of their radical scavenging activity. *E-Journal of Chemistry*, **2009**, 6(1), 125-132.
58. K Anil Kumar, K S Shruthi, **Nagaraja Naik** and D Channe giwda. "Chemoselective Hydrogenation of Aromatic Nitro Compounds Using Diammonium Hydrogen Phosphite and Commercial Zinc Dust" *E-Journal of Chemistry* **Vol 5 No 4** 914-917 Oct (2008).
59. Arun V S, **Nagaraja Naik** and C R Gnanendra, "Synthesis characterization and antimicrobial Efficacy of Zr(IV), Rh(III), Th(IV) and UO₂(VI) Complexes with (2E-2)(4-hydroxy-3-methoxycyclohexa-3-enylidene)-1-(3,4-dimethylphenyl) ethanone and (1E,6E)-1,7-bis(4-hydroxy-3-methoxyphenyl) hepta-1,-6diene-3,5-dione" *Research Journal of chemistry and Environment* Vol. 12(2) 36-41 June (**2008**)
60. C. R. Gnanendra, H. Vijay Kumar, Prakash, Nagaraja Naik, Synthesis and biological screening of 3-chloropropanoyl derivatives of 2,6-diphenylpiperidin-4- ones. *mySCIENCE*, **2007**, II(2), 64-72.
61. T.R.Divakara, **Nagaraja Naik*** and Arun.V.S. "Structural and fungicidal studies of nimesulide metal complexes" *Journal of Ultra Chemistry*, **2005**, Vol.1(2), 67-72.

62. Divakara T.R., **Nagaraja Naik***, Arun V.S and Pragasam A. "Synthesis and characterization of biologically active metal complexes of nimesulide" *Research J. of Chemistry and Environment*, **2005**, 9(4), 87-89.
63. **Nagaraja Naik***, Mahesha and N.R.Rajendra Prasad. Flouride Toxicity in Ground Water Resources of Arsikere Taluk in Karnataka" *Indian J. Environmental Protection*, **2005**, 25(10), 929-932.
64. Mahesh, **Nagaraj Naik*** and N.R.Rajendra Prasad "physico-chemical characteristics of Bore Well Water in Arsikere Taluk, Hassan" *Indian J.Environmental Protection*, **2004**, 24(12), pp897-904,
65. S.Kusuma Devi and **Nagaraja Naik*** "Mixed ligand complexes of cobalt(II) with ciprofloxacin and ethopropazine and mepazine" *Oriental Journal of Chemistry*, **2004**, Vol.20(2), 293-296.
66. **Nagaraja Naik** and P.G. Ramappa "Synthesis, Spectral, Magnetic, thermal and Antibacterial properties of metal complexes of isothipendyl. *Synth, Reat. Inorg. Met org. Chem.* **1997**, 27(7), 967-983.
67. **Nagaraja Naik** and P.G. Ramappa "Isolation, Characterization and Antimicrobial activity of impiramine cobalt(II) codmplexes".*Asian Journal of Chemistry*, **1996**, Vol.8(3), pp.644-648.
68. **Nagaraja Naik** and P.G. Ramappa "Neutral ligand complexes of alkali metal salts some organic acids with 2-methoxyloxime" *Asian Journal of Chemistry*. 1995, Vol. 7(1), pp.218-220.
69. **Nagaraja Naik** and P.G. Ramappa "Polymetalic complexes of PartLXI : complexes of Co(II), Ni(II), Cu(II), Zn9II0, Cd(II) and Hg(II) with ONO and OOO doner tridentate ligands" *Asian Journal of Chemistry*. **1995**, Vol. 7(2), pp.429-432.
70. K.G. Somasekharappa*, **Nagaraj Naik** and P.G. Ramappa "Extraction Spectrophotometric Determination of Bismuth(III) in wood's alloy through complexation of Hexa-iodobismuthate and Prochlorperazine Mesylate". *Asian Journal of Chemistry*. **1995**, Vo.7 (3) pp510-512.

List of Conference attended (Selected)

1. J. Rangaswamy, **Nagaraja Naik**, National Conference on Innovations in Chemical Sciences held on 30th and 31st January 2020 at Department of Studies in Chemistry, University of Mysore, Mysuru.
2. Kariyappa N Ankali and **Nagaraja Naik**. Synthesis, Characterization and Pharmacological Evaluation of Iminostilbene Scaffolds: As a novel class of anti-depressant agent. Two day National Conference On "*Recent Innovations in Medicinal and Material Chemistry*" held on 8th and 9th March 2019 at Department of Studies in Chemistry, University of Mysore, Mysuru.
3. Neelufar, J. Rangaswamy, **Nagaraja Naik**, Synthesis, structural characterization and biological activities of metal(II)complexes with thiazole fused Schiff bases derived 2-acetyl biphenyl. Two day National Conference On "*Recent Innovations in Medicinal and Material Chemistry*" held on 8th and 9th March 2019 at Department of Studies in Chemistry, University of Mysore, Mysuru.
4. J. Rangaswamy, **Nagaraja Naik**, Synthesis, docking and biological studies of more potent indole appended benzoxazole derivatives. Two day National Conference On "*Recent Innovations in Medicinal and Material Chemistry*" held on 8th and 9th March 2019 at Department of Studies in Chemistry, University of Mysore, Mysuru
5. J. Rangaswamy, **Nagaraja Naik** *KSTA National Conference on Impact of Science and Technology on Society and Economy* held at Vijayanagara Sri Krishnadevaraya University, Ballari on March 8-9, 2017.
6. J. Rangaswamy, **Nagaraja Naik** *One day National Level Conference on Emerging Trends in Nano-Chemistry* held at MMK & SDM Mahila Maha Vidyalaya, Mysuru on February 2, 2017.
7. J. Rangaswamy, **Nagaraja Naik** *Two day Seminar and Exhibition on Energy Mix: Need for the Nation*. Held at Department of Chemistry, The National Institute of Engineering, Mysuru, on January 11-12, 2017.
8. J. Rangaswamy, **Nagaraja Naik** *International Indian Science Congress Conference*, University of Mysore, 3-7th January, 2016.
9. J. Rangaswamy, **Nagaraja Naik** *Two day national conference on "Application of Modern Analytical Techniques to Fundamental Research in Chemistry"* held at JSS College of Arts Commerce and Science, Mysuru, on March 9 – 10th, 2016, Mysuru.

10. J. Rangaswamy, **Nagaraja Naik** *Two day seminar on "Two Day National Conference on Emerging Trends in Chemistry"* held at St. Philomena's College, Mysuru, on March 11 – 12th, 2016, Mysuru.
11. J. Rangaswamy, **Nagaraja Naik** *Two day seminar on "National Seminar on Emerging Trends in Analytical Techniques"* held at Government Science College, on March 28 – 29th, 2016, Hassan.
12. J. Rangaswamy, H. Vijay Kumar, **Nagaraja Naik**. An efficient one-step synthesis of N-(3-(benzofuran-3-yl)-3-oxo-1-phenylpropyl)acetamide scaffolds via multicomponent reaction: As a novel cluster of free radical, oxidation and bacterial inhibitors. *International conference on science and technology "Future challenges and solutions" (STFCS-2016)* held at University of Mysore, Mysuru, on Aug 8-9, 2016.
13. J. Rangaswamy, **Nagaraja Naik** *Two day Work Shop on Recent Trends in Research Methodology and Safety Measures for Handling Chemicals in the Laboratory*. Held at Sarada Vilas College, Mysuru, on December 9-10, 2016.
14. J. Rangaswamy and **Nagaraja Naik** *One day seminar on recent innovations in Bio-organic and Medicinal Chemistry*, Department of Chemistry, The National Institute of Engineering, Mysuru, 28th January. 2015.
15. J. Rangaswamy and **Nagaraja Naik** *one day national seminar on Chemistry and Chemical Biology*, Prof. K.S. Rangappa' s 60th Birthday celebration, Shri Nalwadi Krishnaraja Wodeyar Auditorium, University of Mysore, 26th May 2015.
16. J. Rangaswamy, **Nagaraja Naik**. Synthesis of pharmaceutically important condensed heterocyclic benzofuran gathering C-2,4,6-substituted pyrimidine derivatives as DNA cleavage and analgesic mediators. *National Conference on Pure and Applied Chemistry (NACOPAC-2014)*. Department of Chemistry, Manasagnagotri, University of Mysore. 29-31, December, 2015.
17. J. Rangaswamy, **Nagaraja Naik** *KSTA Sponsored one day seminar on "Material Science and Nanotechnology"* Department of Chemistry, Vidya Vikas Institute of Engineering and Technology, Mysore, 29th September 2015.
18. **Nagaraja Naik** Participated and presented Paper Presentation in National conference on *"Frontier Areas in Chemical Sciences-FACS-2015"* on 10th Jan, 2015. Organized by Department of Studies in Chemistry(PG/UG), Bharathi College, Bharathinagara, Maddur, Mandya.

19. **Nagaraja Naik** Participated in National conference on *"Boon and curse of Biotechnology"* on 27th Feb, 2015. Organized by Department of Biotechnology (PG/UG), Bharathi College, Bharathinagara, Maddur, Mandya.
20. **Nagaraja Naik** Participated in Three days workshop on *"Handling of Scientific Equipment (Batch-II)-IOE"* held from 10th-12th September 2014 at Vijnana Bhavan, Manasagangotri, Mysore.
21. **Nagaraja Naik** Participated in the Regional Conference held at JSS College, Mysore from February 21 to 22, 2014.
22. **Nagaraja Naik** Participated and/or presented Oral Presentation in National conference on *"Pure and Applied Chemistry-2014(NACOPAC-2014)"* on 29th to 31th December, 2014. Organized by Department of Studies in Chemistry, Manasagangotri, University of Mysore, Mysuru.
23. **Nagaraja Naik** One of the research articles entitled *"Metal complexes of ONO donor Schiff base ligand as a new class of bioactive compounds; Synthesis, characterization and biological evolution"* was presented in the *"101th Indian Science Congress"* held at Jammu University, Jammu from February 3 to 7, 2014. Organized by Indian Science Congress association, Kolkata.
24. J. Rangaswamy, *International Conference on Polymer and allied Materials (ICPAM-2014). International Conference, Hotel Maurya, Patna, India.30-31 May, 2014.*
25. J. Rangaswamy, **Nagaraja Naik**. "Synthesis of benzofuran gathered C-2,4,6-substituted derivatives conjugated by sulfonyl chlorides: *Recent Trends in Biorganic Chemistry and its application to society*, Sarada Vilas College, Mysuru, 27-28th September, 2014.
26. S. T. Harini, H. Vijay Kumar, J. Rangaswamy, **Nagaraja Naik**. "Synthesis, antioxidant and antimicrobial activity of novel vanillin derived piperidin-4-one oxime esters: Preponderant role of the phenyl ester substituents on the piperidin-4-one oxime core" *International Indian Science Congress Conference*, Kolkata, 2-10th January, 2013.
27. **Nagaraja Naik** One of the research articles entitled *"N/S/O Functionalized Ligands And Their Metal Complexes: Synthesis, Characterization And Biological activities"* was presented a paper in the *"100th Indian Science Congress"* held at Calcutta university,

- kolkata from January 3 to 7, 2013. Organized by Indian science congress association, kolkata.
28. J. Rangaswamy, Vijay Kuamr H, **Nagaraja Naik**. *Two day National Conference on Emerging trends in Ayurveda and Herbal Drug Technology*, Department of Biotechnology, Teresian College, Mysore, 22-23, November, 2012.
 29. J. Rangaswamy, Vijay Kuamr H, **Nagaraja Naik**. *Two day National Conference on Emerging trends in Ayurveda and Herbal Drug Technology*, Department of Biotechnology, Teresian College, Mysore, 22-23, November, 2012.
 30. J. Rangaswamy, **Nagaraja Naik**, H. Vijay Kumar, "Novel indole-3-butyric acid analogues: Synthesis and a new insights into their antioxidant activity" *Recent trends in chemistry*, National conference, PES college Mandya, 16-17th September, 2011.
 31. J. Rangaswamy, H. Vijay Kumar, S.T. Harini, **Nagaraja Naik**, Novel 3-(benzofuran-2-yl)-5-(4-methoxyphenyl)-4,5-dihydro-1H-pyrazole analogues conjugated with different substituted benzoyl chlorides: Synthesis and a new perceptivity into their antioxidant potential" *International Conference on Synthetic and Structural Chemistry*, International conference, Mangalore university, Mangalore 5-7th December, 2011.
 32. S. T. Harini, H. Vijay Kumar, J. Rangaswamy, **Nagaraja Naik**. "Novel 2,6-bis(4-methoxyphenyl)-1-methylpiperidin-4-one oxime esters: synthesis and a new insight into their antioxidant and antimicrobial potential" *International Conference on Synthetic and Structural Chemistry*, International conference, Mangalore University, Mangalore 5-7th December, 2011.
 33. J. Rangaswamy, **Nagaraja Naik** *One day seminar on Chemistry of Materials*, Sri Jayachamarajendra College of Engineering, Department of Chemistry and Polymer science & Technology, Mysuru, 25th November, 2011.
 34. J. Rangaswamy, **Nagaraja Naik** *Suvarna Manasa-2011*, Department of Studies in Chemistry, University of Mysore, Mysuru, February, 15th to 24th, 2011.