

Dr. K.B. Umesha



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Area of Specialization	Organic Chemistry	
7	NAME OF THE RESEARCH PROJECT, (MINNOR/MAJOR) NAME OF THE FUNDING AGENCY AND DURATION OF THE PROJECT.	SYNTHESIS AND BIOLOGICAL STUDIES ON 1,3,4-OXADIAZOLES INCORPORATED WITH ISOXAZOLES AND PYRAZOLES. UGC, 2010-12, Rs. 67,000/-
8	No. STUDENT'S GUIDED/GUIDING I. Ph. D. II. M. Phil	01 AWRDED, 01 SUBMISSION AND 02 (Present Working) 02 Awarded
9	No. OF PUBLICATION (INTERNATIONAL / NATIONAL)	15 + 05 = 20 PAPERS
10	a. PAPER PRESENTIONS IN CONFERENCES / SEMINARS / WORKSHOP / SYMPOSIUM b. RESOURCE PERSON	CONFERENCES - 12 SEMINARS / WORKSHOP - 11

Name of Conference / Seminar / Workshop attended :

Sl No.	Name of Conference / Seminar / Workshop attended	Place	Date and Duration
1.	Workshop on innovative Developments in Teaching Chemistry	DOS in Chemistry, Mysore Univ. MYSORE	15TH July 2005
2.	Training program on effective teaching strategies, methriods , techniques and action plans	Mahajana First Grade College, Mysore	19-20th Nov.2004
3.	UGC Sponsored Chemistry Workshop on "Syllabus Blow-up for B.Sc. Degree semester	Collegiate education, Unnata Shikshanadalli	15-17th July 2004

	scheme	Samagra Gunamatta Nirvahane, Govt. of Karnataka, Mysore	
4.	State Level Seminar on Frontiers of Science and Technology	Yuvaraja's College, Mysore	5th January 2004
5.	19th Int. Liq. Cryst.	Conference at Edinburg, U.K.	2002
6.	20th annual convention of Indian council of Chemists	Mysore Univ. MYSORE	Dec. 2001
7.	National conference on Materials for the New Millennium (MAYCON 2001)	Univ. of science and Technology	1-3rd March, 2001
8.	Synthesis of 3-(1,3-diphenyl-4,5-dihydro-1h-pyrazole-5-yl)-5-phenyl-1,2,4-oxadiazole: N. Srikantamurthy, K.B. Umesha and Shubakar K. in the two day National Conference on Recent Trends in Chemical and Biological Sciences.	Dept. of Chemistry, Kuvempu University, Shankargatta, Shimoga Dist.	March 30th to 31st 2010.
9.	A New Approach To the Simple Iodometric Determination of Semicarbazones and their Characterization using Chloramine-T oxidant: K. Shubakar, K.B. Umesha, K.M.L. Rai and N. Srikantamurthy, in the two day National Conference on Recent Trends in Chemical and Biological Sciences	Dept. of Chemistry, Kuvempu University, Shankargatta, Shimoga Dist	March 30th to 31st 2010.
10.	Synthesis and invitro antioxidant, antidiabetic activity of aryl pyrazole-thiadiazole analogues: N. Srikantamurthy, K.B. Umesha, K. Shubakar and J. Chethan, in the three day International Conference On Synthetic And Structural Chemistry.	DOS in Chemistry, Mangalagangothri, Mangalore University.	December 08 to 10, 2011.
11.	Antioxidant and DNA damage protection assay of 1,3,4-thiadiazine incorporated with pyrazole-4-carboxylic acid moiety: K. Shubakar, K.B. Umesha, N. Srikantamurthy and J. Chethan, in the three day International Conference On Synthetic And Structural Chemistry.	DOS in Chemistry, Mangalagangothri, Mangalore University	December 08 to 10, 2011.
12.	Iodometric determination of ranitidine in tablets using chloramine-T oxidant: K.B. Umesha, A.P. Kiran Shankar and K. Shubakar, A UGC sponsored national conference on Herbel medicines in their era of globalization.	Kuvempu university, Shayadri science college (Autonomous) shimoga.	10 & 11 September 2011.

Projects

SI No.	Name	Place	Sponsored	Date and Duration
1.	Dr. K. B. Umesha	Synthesis and biological studies on pyrazole derivatives	UGC- Sponsored 10th plan, Rupees 65,000/- (Sixty Five)	2006 To 2008 2 years Duration
2.	Dr. K. B. Umesha	Synthesis and biological studies on 1,3,4-oxadiazole incorporated with isoxazole and pyrazole derivatives	UGC- Sponsored Rupees 67,000/- (Sixty Seven))	2010 To 2012 2 years Duration

Paper Published

SI No.	Title of the research Paper	Name of the Journal	Vol,Page No, Month &Year
1.	A new approach for the determination of percentage of enol form in the <i>b</i> - keto carbonyl compounds using Chloramine-T oxidative method	<i>Oxidation Commun.,</i>	2004, 27 (No. 4), 831-835
2.	Synthesis and mesomorphic behaviour of 3-[4'-alkoxyphenyl]-5-[3",4"-ethylenedioxy benzyl]-2-isoxazolines	Indian J. Chem., Sec.B	43B,2004,2635-40
3.	Synthesis of 3-aryl-5N-aryl-4,6-dioxo-pyrrolo(3,4-d)-7,8-dihydro Isoxazoles.	Indian Journal of Chemistry. Sec. B	2004, 43B, 2635-40.
4.	A approach to the determination of the oxo groups in carbonyl compounds using Chloramine-T	Chemia Analityczna. Poland.	0000, 2000, (in Press)
5.	Microwave-assisted synthesis of N-aryl maleimide under solvent free conditions	Bulrarian Chem. Comm. J. Pharma. And Biomed. Analysis,	Vol.35(3),2003,192-94
6.	Evaluation of antibacterial activity of 3,5-dicyano-4,6-diaryl-4-ethoxycarbonyl-piperid-2-ones,	J. Pharma. And Biomed. Analysis,	2002, 27, 837-840.
7.	A novel synthesis of isoxazoles via 1,3-dipolar cycloaddition of nitrile oxides to acetyl acetone,	Synth. Commun.,	2002, 32(12), 1841-46.
8.	Iodometric determination of ascorbic acid in bulk and Vitamin-C tablets using chloramines-T	Oxidation Commun.,	25(4),2002, 566-570
9.	A new approach for the synthesis of pyrazoles via 1,3-dipolar cycloaddition of	Indian J. Chem., Sec.B	2002, 41B, 1450-1453.

11. K. Manjula, K.M.L. Rai, **K.B.Umesha**, Suresh Babu and R.L. Jagadeesha: Microwave-assisted synthesis of *N*-aryl maleimide under solvent free Conditions. *Bulgarian Chem. Comm.*, **2003**, Vol. 35 (N0. 3), 192-94.
12. **K.B. Umesha**, K.M.L. Rai, K. Ajay Kumar, B.S. Sudha and S.A. Khanum: A new approach for the determination of percentage of enol form in the β - keto carbonyl compounds using Chloramine-T oxidative method, *Oxidation Commun.*, **2004**, 27 (No. 4), 831-835.
13. **K.B. Umesha**, K.M.L. Rai, Nagappa, and J. Mahadeva: Synthesis and mesomorphic behaviour of 3-[4'-alkoxyphenyl]-5-[3'',4''-ethylenedioxy benzyl]-2-isoxazolines, *Indian J. Chem., Sec.B*, **2004**, 43B, 2635-40.
14. J. Mahadeva, **K. B. Umesha**, K.M.L. Rai and Nagappa: Synthesis and characterization of mesogenic 1,3,4-Oxadiazole derivatives, *Mol. Cryst. Liq. Cryst.*, **2009**, vol. 509, pp. 274/[1016]-282/[1024].
15. **K. B. Umesha**, K.M.L. Rai and M.A. Harish Nayaka: Antioxidant and Antimicrobial Activity of 5-methyl-2-(5-methyl-1,3-diphenyl-1*H*-pyrazole-4-carbonyl)-2,4-dihydropyrazol-3-one, *International Journal of Biomedical Science.*, **2009**, Vol. 5, No. 4, pp. 359-368.

(Please enclose the list of papers and books published and/or accepted during last five years)

During the Last Five Years

1. FT-IR, Laser-Raman spectra and computational analysis of 5-Methyl-3-phenylisoxazole-4-carboxylic acid. Yusuf Sert, M. Mahendra, S. Keskinoglu, Chandra, N. Srikantamurthy, **K. B. Umesha**, C. Cirak. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy.*, **2015**, 139, 145–155.
2. Molecular docking of 1*H*-pyrazole derivatives to receptor tyrosine kinase and protein kinase for screening potential inhibitors. Chandra, Vishalakshi, G. Javaregowda, B. H. Doreswamy, N. Srikantamurthy, **K. B. Umesha**, K. Kemparaju, M. Mahendra. *Bioinformation*: 10(7), 22nd July, **2014**, 413-418.

PUBLICATIONS

1. K.M.L. Rai, **K.B. Umesha** and H.S. Yathirajan: Determination of molecular weight of neutral amino acids, *J. of Indian Chem. Soc.*, **1999**, 76, 170-171.
2. K. Ajay Kumar, K.M.L. Rai and **K.B. Umesha**: A convenient method for the synthesis of imines, *Indian J. of Heterocyclic. Chem.*, **2000**, 10, 79-80.
3. **K.B. Umesha**, K.M.L. Rai, K. Ajaya Kumar, K.R. Prasad and S. Shashikanth: A new method for the determination of number of keto groups in a carbonyl compound using chloramine-T method, *Chem. Anal.*, (Warsaw) **2001**, 46, 269-74.
4. K. Ajay Kumar, K.M.L. Rai, **K.B. Umesha** and K.R. Prasad: Synthesis of 3-aryl-5N-aryl-4,6-dioxopyrrolo(3,4d)-7,8-dihydro isoxazoles via 1,3-dipolar cycloaddition reaction, *Indian J. Chem., Sect. B*, **2001**, 40B, 269-273.
5. K. Ajay Kumar, K.M.L. Rai and **K.B. Umesha**: A new approach for the transformation of alkenes to pyrrolines via aziridine intermediates, *Tetrahedron*, **2001**, 57, 6993-96.
6. K. Ajay Kumar, K.M.L. Rai and **K.B. Umesha**: Synthesis and evaluation of antifungal and antibacterial activity of ethyl-3,5-diarylisoxazole-4-carboxylates, *J. Chem. Res. (s)*, **2001**, 436-438.
7. K. Ajay Kumar, K.M.L. Rai and **K.B. Umesha**: Evaluation of antibacterial activity of 3,5-dicyano-4,6-diaryl-4-ethoxycarbonyl-piperid-2-ones, *J. Pharma. And Biomed. Analysis*, **2002**, 27, 837-840.
8. **K.B. Umesha**, K. Ajay Kumar and K.M.L. Rai: A novel synthesis of isoxazoles via 1,3-dipolar cycloaddition of nitrile oxides to acetyl acetone, *Synth. Commun.*, **2002**, 32(12), 1841-46.
9. **K.B. Umesha**, K. Ajay Kumar and K.M.L. Rai: A new approach for the synthesis of pyrazoles via 1,3-dipolar cycloaddition of nitrile imines to acetyl acetone, *Indian J. Chem., Sec.B*, **2002**, 41B, 1450-1453.
10. **K.B. Umesha**, K. Ajay Kumar and K.M.L. Rai: Iodometric determination of ascorbic acid in bulk and Vitamin-C tablets using chloramines-T, *Oxidation Commun.*, **2002**, 25 (No. 4), 566-570.

3. One-Pot Tandem Synthesis of Tetrasubstituted Pyrazoles via 1,3-dipolar Cycloaddition between Aryl hydrazones and ethyl but-2-ynoate. N. Srikantamurthy, D. Shridevi Doddaramappa, Chandra, M. Mahendra, K. Shubakara, **K. B. Umesha**, *Synthetic Communication*, **2014**, 44:15, 2222-2231.
4. Novel pyrazole integrated 1,3,4-oxadiazoles: Synthesis, characterization and antimicrobial evaluation, N. Srikantamurthy, **K. B. Umesha**, Shridevi D. Doddaramappa, Shubakara Keshavamurthy, Chethan Javarasetty. *Bioorg. Med. Chem. Lett.*, **2014**, 24, 245-248.
5. Antioxidant and DNA damage inhibition activities of 4-Aryl-N-(4- aryl-thiazol-2-yl)-5,6-dihydro-4H-1,3,4-oxadiazine-2-carboxamides. K. Shubakara, **K. B. Umesha**, N. Srikantamurthy, J. Chethan. *J. Chem. Sci.*, 126, 6, Nov- **2014**, 1913-1921.
6. Ethyl 5-oxo-4-phenyl-5,6-dihydro-4H-1,3,4-oxadiazine-2-carboxylate. K. Shubakara, Chandra, N. Srikantamurthy, M. Mahendra, **K. B. Umesha**. *Acta Cryst.*, **2014**. E70, o661.
7. Novel one-pot three-component synthesis of new ethyl 8-methyl-3,6-diphenyl-2,6-dihydropyrimido[2,1-b][1,3,4]thiadiazine-7-carboxylate Derivatives and its antimicrobial activities. K. Shubakara, N. Srikantamurthy, **K. B. Umesha**, J. Chethan. *IJABPT*. **2014**, vol-5.
8. Novel pyrazoline amidoxime and their 1,2,4-oxadiazole analogues: Synthesis and pharmacological screening. N. Srikantamurthy, **K. B. Umesha**, K. Shubakara, J. Chethan. *Bioorg. Med. Chem. Lett.* **2013**, 23, 4532–4539.
9. Synthesis and Antimicrobial Evaluation of Novel Derivatives of 1,3,4-Thiadiazine Incorporated with Pyrazole-4-Carboxylic Acid Moiety. K. Shubakar, **K.B. Umesha**, N. Srikantamurthy, J. Chethan. *Bul Chem. Commun.* issue 2, vol. 45, **2013**.
10. 5-Methyl-3-phenylisoxazole-4-carboxylic acid. Chandra, N. Srikantamurthy, G. J. Vishalakshi, S. Jeyaseelan, **K. B. Umesha**, M. Mahendra. *Acta Cryst.* **2013**. E69, o897.
11. 5-Methyl-1,3-diphenyl-N-(5-phenyl-1,3,4-thiadiazol-2-yl)-1H-pyrazole-4-carboxamide. Chandra, S. S. Mahesh, N. Srikantamurthy, **K. B. Umesha**, K. Palani, M. Mahendra. *Acta Cryst.* **2013**. E69, o1736

12. N'-Benzoyl-5-methyl-1,3-diphenyl-1Hpyrazole-4-carbohydrazide. Chandra, N. Srikantamurthy, Shamantha Kumar, B. H. Doreswamy, **K. B. Umesha**, M. Mahendra. *Acta Cryst.* **2013**. E69, o1769
13. Iodometric Determination of Gabapentin In Tablets Using Chloramine-T Oxidant. K. Shubakara, **K. B. Umesha**, N. Srikantamurthy. *Oxidation Commu.*, **2013**, 36, No 2, 410–414.
14. 3-(4-Methoxyphenyl)-5-methylisoxazole-4-carboxylic acid. Chandra, K. Raghu, N. Srikantamurthy, **K. B. Umesha**, K. Palani, M. Mahendra. *Acta Cryst.* **2013**. E69, o388.
15. (Z)-4-Benzylidene-3-Methylisoxazol-5(4H)-One. Chandra, N. Srikantamurthy, S. Jeyaseelan **K. B. Umesha**, M. Mahendra. *Acta Cryst.* **2012**. E68, o3091.
16. (E)-N'-Hydroxy-1,3-diphenyl-4,5-dihydro-1H-Pyrazole-5-Carboximidamide. Chandra, N. Srikantamurthy, **K. B. Umesha**, S. Jeyaseelan M. Mahendra. *Acta Cryst.* **2012**. E68, o1661–o1662.
17. Aryl Pyrazole Integrated Imidazole Analogues: Synthesis and Efficacy as Antimicrobial Agent. S. A. Khanum, N. Srikantamurthy, **K. B. Umesha**, N. F Khanum. *Inventi Impact: Med Chem*, Vol. **2012**.
18. Synthesis of 4-carboethoxy-1,3-diphenyl-5-methylpyrazoles via 1,3-dipolar cycloaddition of nitrile imines with ethyl acetoacetate, **K. B. Umesha** and K.M.L. Rai. *Bulgarian Chem. Comm.*, **2010**, Vol. 42, No. 1, pp. 11-15.
19. **K. B. Umesha**, K. Shubakar and N. Srikantamurthy. Synthesis and Antimicrobial Evaluation of 2-(5-methyl-1,3-diphenyl-1H-pyrazole-4-yl)-5-(5-methyl-3-phenylisoxazole-4yl)-[1,3,4]-oxadiazoles, *Bioorg. Med. Chem. Lett.*, **2015** (Communicated).
20. J. Mahadeva, K.R. Prasad, **K.B. Umesha**, K.M.L. Rai, K.C. Manoj and Nagappa and. Synthesis and characterisation of new mesogenic 1,3,4-oxadiazoles, *Mol. Cryst. Liq. Cryst.*, **2015** (Communicated).

PRESENTATIONS

1. **K.B. Umesha** and K.M.L. Rai: A novel synthesis of isoxazoles via 1,3-dipolar cycloaddition of preformed nitrile oxides with acetyl acetone, Annual convention of Indian council of chemists, held at University of Mangalore, Mangalagangothri, Konaje, India (Abstr. No. OP- 58, Dec. **1997**).
2. **K.B. Umesha**, K. Ajayakumar and K.M.L. Rai: Synthesis of pyrazoles via 1,3-dipolar cycloaddition of preformed nitrile imines with acetyl acetone, National conference under the auspices of Sir M. Visveswariah chair on “Recent Trends in Structure, Functions, Analysis of Molecules and Applications”, held at University of Mysore, Manasagangothri, Mysore-570 006, India (Abstr. No. O 14, Oct. **1999**).
3. K. Ajayakumar, **K.B. Umesha** and K.M.L. Rai: A novel method for the synthesis of aziridines from alkenes using chloramine-T, National conference under the auspices of Sir M. Visveswariah chair on “Recent Trends in Structure, Functions, Analysis of Molecules and Applications”, held at University of Mysore, Manasagangothri, Mysore-570 006, India (Abstr. No. O 27, Oct. **1999**).
4. **K.B. Umesha**, K.M.L. Rai and K. Ajayakumar: Synthesis and mesogenic isoxazolines via 1,3-dipolar cycloaddition of preformed nitrile oxides with acrylo nitrile, National conference on Materials for the New Millennium (Mat.Con. 2001) held at University of Science and Technology, Cochin-682 022, Kerala, India. (Abstr. No. OBM-18, Mar 1-3, **2001**).
5. K. Ajayakumar, K.M.L. Rai and **K.B. Umesha**: Synthesis of ethyl N-aryl-2,4-dioxo-piperid-3-ene-4-carboxylates from ethyl-2,4-dioxo-3-(aryl)azabicyclo [3.1.0]hexane-6-carboxylates by photolysis, 20th Annual convention of Indian council of chemists, held at University of Mysore, Manasagangothri, Mysore, India (Abstr. No. OP-8, Dec. **2001**).
6. **K.B. Umesha**, K.M.L. Rai, Nagappa and K. Mahadeva: Synthesis and mesogenic behaviour of 3-[4'-alkyloxyphenyl]5,-[3'',4''-methylenedioxy benzyl] -2-isoxazolines, 20th Annual convention of Indian council of chemists, held at University of Mysore, Manasagangothri, Mysore, India (Abstr. No. OP-26, Dec. **2001**).

PRESENTATIONS

1. **K.B. Umesha** and K.M.L. Rai: A novel synthesis of isoxazoles via 1,3-dipolar cycloaddition of preformed nitrile oxides with acetyl acetone, Annual convention of Indian council of chemists, held at University of Mangalore, Mangalagangothri, Konaje, India (Abstr. No. OP- 58, Dec. **1997**).
2. **K.B. Umesha**, K. Ajayakumar and K.M.L. Rai: Synthesis of pyrazoles via 1,3-dipolar cycloaddition of preformed nitrile imines with acetyl acetone, National conference under the auspices of Sir M. Visveswariah chair on “Recent Trends in Structure, Functions, Analysis of Molecules and Applications”, held at University of Mysore, Manasagangothri, Mysore-570 006, India (Abstr. No. O 14, Oct. **1999**).
3. K. Ajayakumar, **K.B. Umesha** and K.M.L. Rai: A novel method for the synthesis of aziridines from alkenes using chloramine-T, National conference under the auspices of Sir M. Visveswariah chair on “Recent Trends in Structure, Functions, Analysis of Molecules and Applications”, held at University of Mysore, Manasagangothri, Mysore-570 006, India (Abstr. No. O 27, Oct. **1999**).

7. Nagappa, **K.B. Umesha**, K.M.L. Rai, and J. Mahadeva, Synthesis and Mesomorphic Behaviour of 3-[4'-Alkoxyphenyl]-5-[3'',4''-ethylenedioxy benzyl]-2-isoxazolines”, 19th Int. Liq. Cryst. Conference at Edinburg, UK., (Abstr. No. 900, **2002**).
8. **K.B. Umesha**, H.P. Jayadevappa, K.M.L. Rai, K.N. Mohan and K. Ajay Kumar: “Synthesis of 1,3,5-triphenyl-3a,6a-dihydro-1H-pyrrolo-(3,4c)-pyrazole-4,6-dione via 1,3-dipolar cycloaddition of nitrile imines with N-aryl malimide”, National Conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007), held at Departments of Chemistry and Industrial Chemistry, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451, India. (Abstr. No. 66, March 23-24, **2007**).
9. **K.B. Umesha** and K.M.L. Rai: “Synthesis of 4-carboethoxy-1,3-diphenyl-5-methylpyrazoles via 1,3-dipolar cycloaddition of nitrile imines with ethyl acetoacetate”, National Conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007), held at Departments of Chemistry and Industrial Chemistry, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451, India. (Abstr. No. 67, March 23-24, **2007**).
10. B.S. Lakshmi, D.M. Lokeshwari, **K.B. Umesha** and K. Ajay Kumar: “Synthesis of substituted pyrazolines via 1,3-dipolar cycloaddition of nitrile imines with ethyl oleate”, National Conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007), held at Departments of Chemistry and Industrial Chemistry, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451, India. (Abstr. No. 36, March 23-24, **2007**).
11. **Dr. K. B. Umesha** and Dr. Shoukath Ara Khanum: “Aryl pyrazole-imidazole analogues: Synthesis and efficacy as anti-microbial agent” National Conference on The Emerging Areas in Chemistry NACEAC–2009, held at Departments of studies in Chemistry, University of Mysore, Manasagangothri, Mysore-570 006, India. (**Abstr. No.p.p. 97, 31st July and 1st Aug 2009**).
12. **Dr. K. B. Umesha** and K.M.L. Rai: “Synthesis of 3-methyl-1-(5-methyl-3-phenylisoxazole-4-carbonyl)-1*H*-pyrazole-5(4*H*)-one” International Conference on Current Trends in Chemistry and Biochemistry ICCTCB–2009, held at Central College

Campus, Bangalore University, Bangalore, Karnataka State, India. (Abstr. No. P.P. 229, **December 18-19, 2009**).

13. N. Srikantamurty, **K. B. Umesha** and K. Shubakar: “ Synthesis of 3-(1,3-diphenyl-4,5-dihydro-1H-pyrazole-5-yl)-5-phenyl-1,2,4-oxadiazole” A UGC-SAP Sponsored Two day National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010), held at Departments of Chemistry, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451, India. (Abstr. No. OP 16, March 30-31, **2010**).
14. K. Raghu, **K. B. Umesha** and Shaukath Ara Khanum: “Synthesis, Characterization and anti-microbial activity of some isoxazole-imidazole derivatives” A UGC-SAP Sponsored Two day National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010), held at Departments of Chemistry, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451, India. (Abstr. No. OP 28, March 30-31, **2010**).
15. K. Shubakar, **K. B. Umesha**, K. M. L. Rai and Srikantamurty: “A new approach to the simple iodometric determination of semicarbazones and their characterization using chloramines-T oxidant” A UGC-SAP Sponsored Two day National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010), held at Departments of Chemistry, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451, India. (Abstr. No. PP 33, March 30-31, **2010**).
16. Srikantamurthy N, **Umesha K B**, Shubakar K and Chethan J: Synthesis and invitro antioxidant, antidiabetic activity of aryl pyrazole-thiadiazole analogues., three days International Conference On Synthetic And Structural Chemistry held at DOS in Chemistry, Mangalagangothri, Mangalore University on December 08-10, **2011**.
17. Shubakar K, **Umesha K B**, Srikantamurthy N and Chethan J: Antioxidant and DNA damage protection assay of 1,3,4-thiadiazine incorporated with pyrazole-4-carboxylic acid moiety., three days International Conference On Synthetic And Structural Chemistry held at DOS in Chemistry, Mangalagangothri, Mangalore University on December 08-10, **2011**.
18. **Umesha K.B.**, Kiran shankar A.P. and Shubhakar K.: Iodometric determination of ranitidine in tablets using chloramine-T oxidant., A UGC sponsored national conference

on Herbel medicines in their era of globalisation' held at sahyadri science college (autonomous) shimoga on 10 & 11 september **2011**.

