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POSITIONS AND EMPLOYMENT

Director (March 2012 to till date)

: P. G. Centre, Kadur

Professor

: Dept of Chemistry, Kuvempu University

Scientific Adviser (2005 to till date)

: Bio Organics and Applied Material Pvt.
Ltd. Bangalore, Karnataka, INDIA

Staff Adviser (2006 to 2008)

: P.G. Boys Hostel, Kuvempu
University, Shankaraghatta

Coordinator (2006 to 2008)

: Directorate of Distance Education,
Kuvempu University-2007

QUALIFICATIONS

Ph.D. Organic Chemistry, Aug – 2003, Dept. of Chemistry, Kuvempu University, INDIA

MSc. Organic Chemistry, June – 1997, Dept. of Chemistry, Mysore University, INDIA

BSc. Chemistry, June – 1995, Physics + Chemistry + Mathematics, Mysore University, INDIA

FOREIGN VISIT

- Visited University of Sunderland UK as visiting scientist between 15th to 17th March 2010

POST DOCTORAL FELLOW

- Worked as Post Doctoral Fellow in Brain Pool Fellowship program at KRICT, South Korea, from 10th of October to 31st of December 2010.

EDITORIAL BOARD MEMBER

- Editorial Advisory Board Member of the journal entitled “The Open Catalysis Journal” *Bentham Open*
- Life member to Indian Council of Chemist

AWARDS

- CSIR - Fellowship in Chemical Science-1997
- Distinguished Industrial Scientist Award-2007

BOOKS PUBLISHED

- How to Prepare For Joint CSIR-UGC / NET / JRF / GATE in Chemical Sciences (Published-2003)
- Organic Chemistry III (Published-2004)
- Organic Chemistry IV (Published-2005)
- Practical Organic Chemistry (Published-2005)
- Applied Chemistry (Published-2007)
- Basic Principles of 1D and 2D ¹H NMR Spectroscopy of Organic Compounds,(Publisher: College Book House, ISBN No 978-93-819790-5-1) (Published-2012)
- Synthesis, Fluorescence and Liquid Crystal Properties of Coumarins, ISBN No 978-3-659-29843-1 (Published-2013)

BOOK CHAPTERS PUBLISHED

- **Application of nano-sized metal oxides in the degradation of azo dyes: a review**
K.Yogendra, **K. M. Mahadevan**, Suneel SeetharamNaik and N. Madhusudhana
Collection of Lectures delivered at the seminar on Discovery and applications of innovative materials 13th November 2012 Page no 78-97. ISBN : 978-81-923301-5-0
Published by Karnataka State Higher Education Council

RESEARCH INTERESTS

- Synthetic Organic Chemistry
- Medicinal Plant Chemistry

RESEARCH ACTIVITIES

- Research Publication in peer review
National and International Journals : 131
- Papers Presented in Seminars / Symposia /
Conferences in India and Abroad : 62

RESEARCH GUIDANCE

- Number of Ph. D guided : 28* (guide-10, coguide-18)
- Number of M. Phil guided : 2

RESEARCH PROJECTS

Sl. No.	Principal Investigator (Mention if Co-Investigator)	Title	Supporting Agency (Foreign/India/ Govt./ University/ Private/ Self. specify)	Year	Amount (in rupees)
1	Principal Investigator	Synthesis of new anti fertility agents and their testing on albino rats.	Kuvempu University	2002 Completed	0.35 Lakh
2	Co-investigator	Vermi composting Biotechnology for Socio Economic Development of Rural SC/ST and Weaker Sections in Shimoga District, Karnataka.	DBT. New Delhi India	2006 Completed	14 Lakh
3	Co-Investigator	Amino Acid Derived Biomedical Polymers: Synthesis, Characterization, Kinetics and Drug Release Studies	UGC, New Delhi	2006 Completed	Rs. 6 Lakhs
4	Principal Investigator	“Investigation of some medicinal plants for anticancer activity”	Kuvempu University	2007 Completed	Rs 0.38 Lakhs
5	Principal Investigator	Phyto chemical investigation and anticancer activity of some Potential medicinal plants in western ghat of Karnataka	UGC New Delhi	2009 Completed	Rs 4.39 Lakhs
6	Principal Investigator	Tetrahydroquinolines a possible antitubercular agents for OSDD	CSIR-Central Drug Research Institute Lucknow(CDRI)	2012 (On going)	Rs 5.50 Lakhs

Research Collaboration

1. Bio Organics and Applied Material Pvt Ltd. Bangalore, Karnataka, INDIA
2. Institute of Wood Science and Technology Bangalore.

Research Guidance Detail (Ph.D.): Awarded

Sl. No.	Name of Students	Part time/ /Full time	Subject	Year of Reg.	Year of Award
1	B. M. Kiran	Full Time	Studies on Novel Condensed Nitrogen Heterocycles of Pharmaceutical Importance	08-04-2004	25-01-2007
2	D.B. Aruna Kumar	Full Time	Studies on Novel Heterocyclic Compounds Encompassing Furan Nucleus of Biological Importance	08-04-2004	27-01-2007
3	G. K. Nagaraja	Full Time	Studies on Nitrogen Heterocycles Fused with Furan of Biological Importance	12-04-2004	26-02-2007
4	G. K. Prakash	Full Time	Development of novel route for the Chemical modification of wood surfaces and their weathering performance	2005	23 -2-2008
5	Y. S. Ravi kumar	Full Time	Investigation of some medicinal Plants for anticancer activity	2005	23 -2-2008
6	A. Srinivasa	Full Time	Study on imino Diels-Alder reaction: a potential approach towards the quinolines	2005	23-10-2008
7	Prasanna V. Habbu	Part Time	Investigation Of Novel Quinoline Heterocycles And Some Selected Medicinal Plants For Various Pharmacological Activities	08-08-2006	07-12-2009
8	Rajesh Shastri	Part Time	Investigation of Benzofuran Heterocycles and Some Selected Medicinal Plants for Hepatoprotective and Antioxidant Activities	08-08-2006	31-12-2009
9	Bindu P J	Part time	Novel approach for the synthesis of quinolines of biological importance	23-04-2007	06-02-2012
10	Harishkumar H N	Part time	Synthetic studies on coumarins coupled with nitrogen and sulphur Heterocycles	19-02-2008	06-03-2013

Research Co-guidance Detail (Ph.D.): Awarded

Sl. No.	Name of Students	Part time/ Full time	Subject	Year of Reg.	Year of Award
1	B. P. Nandeshwarappa	Full Time	Studies on Novel Condensed Heterocyclic Compounds: Condensed Quinolines	24-12-2003	18-08-2006
2	T. R. Shashishaker	Full Time	Studies on Paper and Pulp Industrial Effluents	24-12-2003.	11-12-2006
3	Prakash Naik	Full Time	Studies on Textile Industrial Effluents.	02-04-2004.	26-05-2007
4	M.C. Prabhakara	Full Time	Studies on synthesis, DNA binding, oxidative and photo nuclease activity of heterocyclic novel ligands and their transition metal complexes	2005	22-11-2007
5	Vijay Kumar. S	Full Time	Synthesis and Characterization of Polyurethanes and N-Vinyl pyrrolidone Polymer as Biomaterials	2006	03-05-2008
6	Rajashekar. H	Full Time	Investigation of Biheterocyclic and condensed heterocyclic compounds encompassing furon nucleus and selected some medicinal plants for various pharmacological activities	2006	08-09-2008
7	Mallikarjuna H. R	Full Time	Synthesis and characterization of some novel azo dyes.	2004	10-02-2009
8	Suresha Kumar T. H	Full Time	Synthesis and evaluation of chemotherapeutic values of quinolines and benzothipene derivatives.	2006	02-02-2009
9	Swetha S	Full Time	Vermicomposting technology transfer in agriculture for soil fertility improvement and economic sustainability.	2006	09-02-2009
10	Shiva Prasad P	Part Time	Conjunctive use of coffee effluent and pure water on performance of coffee	23-03-06	18-02-2010
11	Rajasha	Full Time	Synthetic studies on coumarins of biological importance	28-01-2007	01-03-2010
12	Sudhakara A	Full Time	A Novel Approach Towards the Synthesis of Indoles	25-11-2006	03-03-2010
13	Prabhakara Varma P	Full Time	Studies On Catalytic Application Of Certain Protic Acids And Lewis Acids In Organic Synthesis	25-11-2006	17-08-2010
14	B.C.	Full Time	Investigation of New Heterocycles	12-07-2006	30-11-

	Goudarshivannanavar		Encompassing Furan Nucleus and Some Selected Medicinal Plants for Antioxidant Activity		2011
15	Jayashree	Full	Studies on Chemical Modification of Wood Based on Esterification Reactions	01-03-2006	13-07-2012
16	Naik suneel seetaram	Full Time	“Synthesis Of Nanoparticles and Dispersion on Polymers for the Photocatalytic Degradation of Textile Azo Dyes”	23-10-2008	26-12-2012
17	Goudar Mahesh Anand	Part Time	Investigations of novel nitrogen heterocycles and some selected medicinal plants for various pharmacological activities	12-07-2006	28-02-2013
18	Kusuma K	Full Time	Synthesis, characterization and pharmacological evaluation some heterocyclic compounds containing nitrogen and oxygen	15-04-2010	28-02-2013

Research Guidance Detail (Ph.D.): Working

Sl. No.	Name of Students	Part time/ /Full time	Subject	Year of Reg.
1	Siddalingamurthy E	Part time	Studies on development of new protocols for the synthesis of indole heterocycles	15-04-2009
2	Pradeep P. S	Part time	Studies on cycloaddition reactions: An approach to synthesise N-Heterocycles	15-04-2009
3	Kiran Kumar H C	Full time	An efficient synthesis of tetrahydroquinolines from a multicomponent imino Diels-Alder reaction	1-06-2010
4	Jagadeeshwara	Full time	Synthetic studies on some bioactive indoles	1-06-2010
5	Shrungesh Kumar T O	Full time	Synthesis of some tryptane and carbazole analogues by using ionic liquids	1-06-2010

Research Co-guidance Detail (Ph.D.): Working

Sl. No.	Name of Students	Part time/ /Full time	Subject	Year of Reg.
1	Madhusudhana N	Full Time	Studies on photocatalytic degradation of azo dyes and coloured effluents.	23-10-2008
2	Gopalappa H	Par Time	“Synthesis and Application of Nanoparticles in Catalytic Degradation of Water Soluble Dyes”	23-10-2008
3	Shet Prakash	Part Time	Synthesis and pharmacological investigations of some heterocyclic compounds containing oxygen	15-04-2010
4	Yamuna A J	Full Time	Synthesis and evaluation of antioxidant property of indole.	1-06-2010

M. Phil awarded

Sl. No.	Name of Students	Part time/ /Full time	Subject	Year of Reg.	Year of Award
1	Yamuna A J	Full Time	Synthesis and Evaluation of antioxidant property of indoles	2007	2009
2	Kusuma K	Full Time	Synthesis and Antioxidant properties of some coumarin derivatives	2008	2009

List of Publications in SCI journals

1. Synthesis and absorption spectra of alkali clearable azo dyes of 5-aminoisophthalic acid
H.R.Mallikarjuna, J.Keshavayya, **K.M.Mahadevan**, M.N.K.Harish
Org. Chem.: Indian J., 9(9), 2013 [373-379]
(Impact factor: - , ISSN: 0974 - 7516)
2. Synthesis, characterization and biological activities of some benzofuopyrimidine derivatives
A J Yamuna, Vijayvithal P Vaidya, Eshwarappa Shruthi, **Kittappa M Mahadevan**
Int J Pharm Pharm Sci, 2013, 5(2), 450-455
(Impact factor: - ,ISSN: 0975-1491)
3. Synthesis Of Novel 2,5-Dihydro-1*h*-1,5-Benzodiazepines Encompassing Naphtho[2,1-*B*]Furan And Evaluation Of Their Pharmacological Activities
MN. Kumaraswamy, VP. Vaidya, C. Chandrashekhar, DA. Prathima Mathias, H. Shivakumar and **KM. Mahadevan**
IJPCBS, 2013, 3(2), 281-287
(Impact factor: - ,ISSN: 2249-9504)
4. Green synthesis of 2,3,4,9-tetrahydro-1*H*-carbazoles/ 2,3-dimethylindoles catalyzed by [bmim (BF₄)] ionic liquid in methanol
Tamatakallu O. Shrunghesh Kumar and **Kittappa M. Mahadevan**
Org. Commun. 2013, 6:1, 31-40
(Impact factor: 0.5, ISSN: 1307-6175)
5. High throughput one pot synthesis of 2-methylquinolines
Kiran Kumar H. Chandrashekarappa, **Kittappa M. Mahadevan**, Kiran B. Manjappa
Tetrahedron Lett. 2013, 54, 1368–1370
(Impact factor: 2.683, ISSN: 0040-4039)
6. Synthesis and liquid crystal property of a new fluoro coumarin carboxylates
Kittappa M. Mahadevan, H. N. Harishkumar, Jagadeesh N. M, and H. T. Srinivasa
Mol. Cryst. Liq. Cryst. 2013, 570(1), 20-35
(Impact factor: 0.58, ISSN: 1542-1406)
7. Synthesis and Pharmacological Investigations of Azetidinones Involving 3-Mercapto-4-amino-5-naphtho[2,1-*b*]furan-1,2,4-triazole
MN. Kumaraswamy, VP. Vaidya, C. Chandrasekhar, DA. Prathima Mathias, H. Shivakumar and **KM. Mahadevan**
International Journal of Pharmaceutical and Chemical Sciences, 2013, 2 (1), 159-168
(Impact factor: - , ISSN: 2277-5005)
8. Synthesis and fluorescence study of phenylcoumarin/cyanophenylbenzocoumarin-3-carboxylates
Hosanagara N. Harishkumar, **Kittappa M. Mahadevan**, Jagadeesh N. Masagalli, Kiran Kumar H. Chandrashekarappa
Org. Commun. 2012, 5:4, 196-208
(Impact factor: 0.5, ISSN: 1307-6175)

9. An efficient one-pot synthesis and Photo-induced DNA cleavage studies of 2-chloro-3-(5-aryl-4,5-dihydroisoxazol-3-yl)quinolines
P. J. Bindu , **K. M. Mahadevan**, and T. R. Ravikumar Naik
Bioorg. Med. Chem. Lett. 2012, 22(19), 6095-6098
(Impact factor: 2.554 , ISSN: 0960-894X)
10. A comparative study on Photocatalytic degradation of Violet GL2B azo dye using CaO and TiO₂ nanoparticles
Madhusudhana N, Yogendra K and **Mahadevan K M**
International Journal of Engineering Research and Applications (IJERA) 2012, 2(5), 1300-1307
(Impact factor: -, ISSN: 2248-9622)
11. A comparative study on the solar photocatalytic degradation of Brilliant Red azo dye by CaO and CaMgO₂ nanoparticles
H. Gopalappa, K. Yogendra, **K. M. Mahadevan**, N. Madhusudhana
International Journal of Science Research 2012, 1(02), 91-95.
(Impact factor: -, ISSN: 2277-7989)
12. Synthesis and photocatalytic activity of ZnO nanoparticles against Coralene Red F3BS Dye in Presence of UV and Solar Radiation
Suneel Naik, Yogendra K, **Mahadevan K. M.**
International Journal of Universal Pharmacy and Life Sciences, 2012, 2(4), 16-25
(Impact factor: -, ISSN: 2249-6793)
13. Analgesic, Antibacterial and Antiviral Activities of 2-(5-Alkyl-1,3,4-oxadiazol-2-yl)-3H-benzo[f]chromen-3-ones
R. Raghavendra, **K. M. Mahadevan**, N. D. Satyanarayan, V. Bhanuprakash, G. Venkatesan and R. Yogisharadhya
Indian J Pharm Sci 2012, 74(4), 367-371
(Impact factor: 0.626, ISSN: 0250-474X)
14. Solar Photocatalytic Degradation of Commercial Azo Dye Acid Orange 7 by Synthesized CaZnO₂ Nanoparticle as an Effective Catalyst
Gopalappa H, Yogendra K, **Mahadevan K. M.**
Int. J. Res. Chem. Environ. 2012, 2(3), 39-43
(Impact factor: -, ISSN 2248-9649)
15. Synthesis of oxadiazoles encompassing naphtha[2,1-b] thiophene as novel antimicrobial agents
K. Kusuma, V. P. Vaidya, A. S. Nagashree and **K. M. Mahadevan**
Indian J. Heterocycl. Chem., 2012, 21, 309-314
(Impact factor: 0.244, ISSN: 0971-1627)
16. Photobleaching and Dimensional Stability of Rubber Wood Esterified by Fatty Acid Chlorides
Jayashree Salla, Krishna K. Pandey, G. K. Prakash & **K. M. Mahadevan**
Journal of Wood Chemistry and Technology 2012, 32(2), 121-136
(Impact factor: 1.719 , ISSN: 0277-3813)

17. Synthesis, characterization and comparative antimicrobial studies of some novel chalcones and pyrazolines containing naphthofuryl substituents
Shet Prakash M, V. P. Vaidya, **K. M. Mahadevan**, M. K. Shivananda, P. A. Suchetan, B. Nirmala and Madavi Sunitha
Journal of Chemical and Pharmaceutical Research, 2012, 4(2):1179-1184
(Impact factor: - ISSN : 0975-7384)
18. Photocatalytic Degradation of Violet GL2B Azo dye by using Calcium Aluminate Nanoparticle in presence of Solar light
N. Madhusudhana, K. Yogendra and **Kittappa M Mahadevan**
Res.J.Chem.Sci. 2012, 2(5), 1-7
(Impact factor: - ISSN 2231-606X)
19. Protective effect of *Habenaria intermedia* tubers against acute and chronic physical and psychological stress paradigms in rats
Habbu PV, Smita DM, **Mahadevan KM**, Shastry RA, Biradar SM
Brazilian Journal of Pharmacognosy 2012, 22(3), 568-579.
(Impact factor: - , ISSN: 0102-695X)
20. Sm(III)nitrate-catalyzed one-pot synthesis of furano[3,2c]-1,2,3,4-tetrahydroquinolines and DNA photocleavage studies
P.J. Bindu, **K.M. Mahadevan**, T.R. Ravikumar Naik
J. Mol. Struct. 2012, 1020, 142–147
(Impact factor: 1.599 , ISSN: 0022-2860)
21. Decolorization of CoraleneDark Red 2B azo dye using Calcium Oxide nanoparticle as an adsorbent.
Madhusudhana N, Yogendra K, **Mahadevan K M**.
IJRCE., 2012, 2(2), 21-25
(Impact factor: , ISSN: 2248-9649)
22. One pot Synthesis of medicinally important *cis*-2-Methyl-4-amino substituted-1,2,3,4-tetrahydroquinoline
Kiran Kumar H. C, **Mahadevan K. M**, Prabhakara, Varma P, Srinivasa A.
Chin. J. Chem. 2012, 30, 534-540
(Impact factor: 0.773, ISSN: 1614-7065)
23. Facile synthesis of 2-(1,3-benzoxazol/benzothiazol/benzoimidazole-2-yl)-3*H*-benzo[*f*]chromen-3-one as blue fluorescent brighteners
Hosanagara N Harishkumar, **Kittappa M Mahadevan**, Jagadeesh N. Masagalli
S. Afr. J. Chem. 2012, 65, 5-9
(Impact factor: 0.325, ISSN: 0379-4350)
24. Synthesis and DNA cleavage studies of novel quinoline oxime esters
P. J. Bindu , **K. M. Mahadevan**, N. D. Satyanarayan, and T. R. Ravikumar Naik
Bioorg. Med. Chem. Lett. 2012, 22, 898-900
(Impact factor: 2.554 , ISSN: 0960-894X)
25. Facile Synthesis of 3-Spiropyrrrolizidine Oxindoles and 3-Spirotetrahydroquinoline Oxindoles via [3+2] and [4+2] Cycloaddition Reactions
A. Sudhakara, H. C. Kiran Kumar, H. Jayadevappa, **K. M. Mahadevan**

- Org. Chem.: Indian J.*, 2012, 8(3), 94-102.
(Impact factor: - , ISSN: 0974 - 7516)
26. Samarium nitrate catalyzed synthesis of quinoline Schiff bases and evaluated their DNA Photocleavage studies.
P. J. Bindu, **K. M. Mahadevan**, T. R. Ravikumar Naik
Org. Chem.: Indian J., 2012, 8(3)
(Impact factor: - , ISSN: 0974 - 7516)
27. Synthesis and Fluorescence study of 2-[5-(2- arylethenyl)-1, 3, 4-Oxadiazol-2-yl]-3H-Benzo[f]chromen-3-ones.
Rajasha, H. C. Kiran Kumar, H. S. Bhojya Naik, **Kittappa. M. Mahadevan**.
Org. Chem.: Indian J. 2012, 8(1), 34-40
(Impact factor: - , ISSN: 0974 - 7516)
28. Thionation of Ethyl Naphtho [2, 1-B] Furan-2-Carboxylate
K. Kusuma, V.P.Vaidya and **K.M.Mahadevan**
International Journal of Chemical Science and Technology 2011, 1(4),.177-182
(Impact factor: - , ISSN: 2248-9797)
29. Fungal resistance of rubber wood modified by fatty acid chlorides
Jayashree, K.K. Pandey, H.C. Nagaveni, **K.M. Mahadevan**
International Biodeterioration & Biodegradation 2011, 65(6), 890–895
(Impact factor: 1.750 , ISSN: 0964-8305)
30. Synthesis of Unsymmetrical Triindolylmethanes as Potent Analgesic Agents
A J Yamuna, **K M Mahadevan**, P V Habbu, V P Vaidya
Org. Chem.: Indian J., 2011, 8(4), 155-160
(Impact factor: - , ISSN: 0974 - 7516)
31. Synthesis characterization and pharmacological activities of some novel naphthofurylthiazolothiadiazoles
Vaidya V P, **Mahadevan K M**, Shet Prakash M, Sreenivas S, Shivananda M K
Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)
2011, 2(4), 334-342
(Impact factor:-,ISSN: 0975-8585)
32. ZnO Composite mediated photocatalytic decolourization of coralene red F3BS dye in presence of solar light.
Suneel Naik, K. Yogendra, **K. M. Mahadevan**, N. Madhusudhana
Materials Science: An Indian Journal., 2011, 7(5)
(Impact factor: - , ISSN: 0974-7486)
33. N-(Phenylsulfonyl)naphtho[2,1-b]furan-1-carboxamide
M. Shetprakash, P. A. Suchetan, B. S. Palakshamurthy, **K. M. Mahadevan** and V. P. Vaidya
Acta Cryst. 2011, E67, o3491
(Impact factor: 0.41, ISSN: 1600-5368)

34. Synthesis of New Benzocoumaryl Oxadiazolyls as Strong Blue-Green Fluorescent Brighteners.
G. Rajesha, H. C. Kiran Kumar, H. S. Bhojya Naik and **Kittappa M. Mahadevan**
S. Afr. J. Chem. 2011, 64, 88-94.
(Impact factor: 0.325, ISSN: 0379-4350)
35. One Pot Synthesis of 2-Hydroxy Pyrrolidine Derivatives
Putta. P. Varma, **Kittappa. M. Mahadevan**, Abdul Khader, Vijaykumar Hulikal
Org. Commun. 2011, 4:3, 52-57
(Impact factor: 0.5, ISSN: 1307-6175)
36. A comparative study of photocatalytic activities of two different synthesized ZnO composites against Coralene Red F3BS dye in presence of natural solar light
Yogendra. K, Suneel Naik, **Mahadevan K. M.**, Madhusudhana. N
International Journal of Environmental Sciences and Research 2011, 1(1), 11-15
(Impact factor: , ISSN: 2249-9105)
37. Synthesis, Antibacterial and Analgesic activity of Novel 4-hydroxy-3-(phenylthio)-2H-chromen-2-ones and 4-hydroxy-3-[imidazol/tetrazolo-2-yl]thio]-2H-chromen-2-ones
G. Rajesha, **Kittappa. M. Mahadevan**, N. D. Satyanarayan, H. S. Bhojya Naik
Phosphorus, Sulfur Silicon Relat. Elem., 2011, 186, 1733–1743,
(Impact factor: 0.67, ISSN: 1042-6507)
38. 3-(2-Bromoacetyl)-6-fluoro-2Hchromen-2-one.
H. N. Harishkumar, Sudarshan Mahapatra, K. N. Venugopala and **Kittappa M. Mahadevan**
Acta Cryst. 2011. E67, o2264
(Impact factor: 0.41, ISSN: 1600-5368)
39. Photocatalytic degradation of coralene dark red 2B dye using calcium aluminate (CaAl₂O₄) catalyst.
N.Madhusudhana, K.Yogendra, **K.M.Mahadevan**, Suneel Naik, H.Gopalappa
Environmental Science: An Indian Journal 2011, 6(3)
(Impact factor: - , ISSN: 0974 - 7451)
40. A Facile, Choline Chloride/Urea Catalyzed Solid Phase Synthesis of Coumarins via Knoevenagel Condensation.
H. N. Harishkumar, **Kittappa M. Mahadevan**, H. C. Kiran Kumar and N. D. Satyanarayan
Org. Commun. 2011, 4:2, 26-32
(Impact factor: 0.5, ISSN: 1307-6175)
41. Aqueous synthesis of coumarins using Tetramethylammonium hydroxide as surfactants
Rajesha, H. C. Kiran Kumar, H. S. Bhojya Naik, **Kittappa. M. Mahadevan.**
Org. Chem.: Indian J. 2011, 7(6), 365-368
(Impact factor: - , ISSN: 0974 - 7516)
42. Environmental friendly synthesis of bis(indolyl)methanes catalyzed by nitro phthalic acids
A. Sudhakara, H.Jayadevappa, **K.M.Mahadevan**
Org. Chem.: Indian J. 7(5), 2011.
(Impact factor: - , ISSN: 0974 - 7516)

43. Photocatalytic degradation of Coralene dark red 2B azo dye using Calcium zincate nanoparticle in presence of natural sunlight: An aid to Environmental remediation
Madhusudhana. N, Yogendra. K, **Mahadevan. K. M**, Suneel Naik
International Journal of Chemical Engineering and Applications (IJCEA) 2011, 2(4), 301-305.
(Impact factor: - , ISSN: 2010-0221)
44. An Efficient $\text{InCl}_3/\text{H}_2\text{O}$ Catalyzed One-Pot Stereo Selective Synthesis of *cis*-2-Methyl-4-Amido-1,2,3,4-Tetrahydroquinoline Derivatives.
P. Prabhakara Varma, Aswathnarayana Srinivasa, **Kittappa M. Mahadevan**
Synth. Commun., 2011, 41, 2186–2194,
(Impact factor: 1.018, ISSN: 1532-2432)
45. Photocatalytic activity of synthetic ZnO composite against Coralene red F3BS dye in presence of solar light.
Yogendra. K, **Mahadevan. K. M**, Suneel Naik, Madhusudhana. N.
International Journal of Environmental Sciences 2011, 1(5), 839-846.
(Impact factor: - , ISSN: 0976 – 4402)
46. Antiulcer activity of *Caesalpinia bonducella* Linn.
Nayak D. Satyanarayan, Mahanandish. S. Hallur, Tamatakallu. O. Shrunghesh Kumar, **Kittappa. M. Mahadevan**, Sharanabasappa. A Patil.
Inventi Rapid: Ethnopharmacology., 2011, 2(1).
(Impact factor: - , ISSN: 0976 - 3805)
47. Facile one pot synthesis of furo/pyrano [3,2-*c*]-1,2,3,4-tetrahydroquinolines from nitro benzenes and 2,3-dihydrofuran or 3,4-dihydro-2*H*-pyran in methanol catalyzed by $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$.
Goudarshivannanavar B C, Kiran Kumar H C, Jayadevappa H, **Kittappa. M. Mahadevan**, Satyanarayana N D.
Org. Chem.: Indian J., 2011, 7(4),228-235
(Impact factor: - , ISSN: 0974 - 7516)
48. Antimony (III) sulphate catalysed one pot synthesis of 1, 8-dioxo-octahydroxanthenes
H. C. Kiran Kumar, Jagadeeshwara, P. Prabhakara Varma, **Kittappa M. Mahadevan**.
Org. Chem.: Indian J., 2011, 7(3).
Impact factor: - , ISSN: 0974 - 7516)
49. Ethyl 3-oxo-3*H*-benzo[*f*]chromene-2-carboxylate.
M. Vindu Vahini, H. C. Devarajegowda, **K. M. Mahadevan**, T. G. Meenakshi and H. K. Arunkashi
Acta Cryst. 2010. E66, o2658
(Impact factor: 0.41, ISSN: 1600-5368)
50. Aqueous synthesis of N-phenyl/alkyl-2-quinolinone-3-carboxylic acids from coumarin-3-carboxylic acids.
H. N. Harishkumar, VijayKumar Hulikal, **K. M. Mahadevan**.
Synth. Commun., 2010, 40, 3281–3289.
(Impact factor: 1.018, ISSN: 1532-2432)

51. Anti-amnesic potentiality of *Argyreia speciosa* (Burm.f) Boj. in mice.
P. V. Habbu, **K. M. Mahadevan.**, R. A. Shastry and S. R. Chilakwad
Int. J. Green Pharm., 2010, 4(2), 83-89
(Impact factor: -, ISSN: 0973-8258)
52. Antidiabetic activity of *Argyreia speciosa* (sweet) (Burm.f.)Boj. in normoglycemic and Streptozotocin-induced diabetic rats.
P. V. Habbu, **K. M. Mahadevan**, V. H. Kulkarni, P. Marietta, V. Pratap, B. S. Thippeswamy and V. P. Veerapur.
Oriental Pharmacy and Experimental Medicine 2010 10(2), 1-13.
(Impact factor: -, ISSN: 1598-2386)
53. Mild and a Simple Access to Diverse 4-Amino substituted 2-phenyl-1,2,3,4-tetrahydroquinolines and 2-phenylquinolines Based on a Multi Component Imino Diels-Alder Reaction.
P. Prabhakara Varma, Bailure S Sherigara, **K. M. Mahadevan**, and Vijaykumar Hulikal.
Synth. Commun., 2010, 40, 2220–2231.
(Impact factor: 1.018, ISSN: 1532-2432)
54. Antiproliferative, apoptotic and antimutagenic activity of isolated compounds from *Polyalthia cerasoides* seeds.
Y. S. Ravikumar, **K. M. Mahadevan**, H. Manjunatha, N. D. Satyanarayana.
Phytomedicine., 2010, 17, 513–518
(Impact factor: 2.33, ISSN: 0944-7113)
55. Conjunctive use of coffee effluent and pond water on the performance of robusta coffee and soil properties.
P. Shiva Prasad, Jayarama, **K.M. Mahadevan**, S.B. Hareesh, S.M. Prasanna, M. Anantha Murthy, Velmourougane, I.B. Biradar and D.R. Shanmukappa
Int. J. Environmental Engineering. 2010. 2, 335-345
(Impact factor: - ,ISSN : 1756-8471)
56. Adaptogenic and *in-vitro* antioxidant activity of flavonoids and other fractions of *Argyreia speciosa* (Burm.f) Boj. in acute and chronic stress paradigms in rodents.
P. V. Habbu, **K. M. Mahadevan**, P. V. Kulkarni, Daulatsingh C, V. P. Veerapur and R. A. Shastry.
Indian J. Exp. Biol., 2010, 48, 53-60.
(Impact factor: 0.551, ISSN: 0019-5189)
57. A Convenient synthesis of 2(2-benzo[b]furo)indoles and benzpufuopyrazoles.
B. C. Goudarshivananavar, H. Jayadevappa, and **K. M. Mahadevan**
Indian J. Chem. B., 2009, 48B, 1419-1423.
(Impact factor: 0.368, ISSN: 0376-4699)
58. Synthesis of Benzo[b]thiophene Substituted Carbamates, ureas, Semicarbazides, and Pyrazoles and Their Antimicrobial and Analgesic Activity:
T. H. S. Kumara, **K. M. Mahadevan**, H. N. Harishkumar, Basavaraj Padmashali, and G. Naganagowda.
Phosphorus, Sulfur Silicon Relat. Elem., 2009, 184, 1866–1879.
(Impact factor: 0.67, ISSN: 1042-6507)

59. Immunomodulatory Activity of Corm Extracts of *Amorphophallus Paeoniifolius*(Dennst).
R. A. Shastry, **K. M. Mahadevan**, P. V. Habbu, J. P. Patil.
Pharmakine, 2009, 1, 26-33.
(Impact factor: , ISSN: xxxx)
60. Antimony (III) Sulfate Catalyzed One-Pot Synthesis of 2,3-Disubstitutedindoles:
A. Srinivasa, **K. M. Mahadevan**, P. Prabhakara Varma, and A. Sudhakara,
Phosphorus, Sulfur Silicon Relat. Elem., 2009, 184, 1843-1853.
(Impact factor: 0.67, ISSN: 1042-6507)
61. Efficient Synthesis of 2-Ethoxycarbonyl Indoles:
A. Sudhakara, H. Jayadevappa, **K.M.Mahadevan** and Vijaykumar Hulikal.
Synth. Commun., 2009, 39: 2506–2515.
(Impact factor: 1.018, ISSN: 1532-2432)
62. Studies on the Synthesis and Fluorescent Properties of Long-Chained 2-(5-Alkyl-1, 3, 4-oxadiazol-2-yl)-3H-benzo[f]chromen-3-ones.
Rajasha, H.S. Bhojya Naik, H.N. Harish Kumar, K.M. Hosamani , **K.M. Mahadevan**,
ARKIVOC, 2009 (ii) 11-19.
(Impact factor: 1.37, ISSN: 1424-6376)
63. Evaluation of Antiamnesic Potential of corn of *Amorphophallus paeoniifolius* (Dennst) in Mice.
R. A. Shastry , **K. M. Mahadevan**, P. V. Habbu, B.S. Patil and J.P.Patil,
Adv. Pharmacol. Toxicol., 2009, 10(1), 1-12.
(Impact factor: -, ISSN: 0973-2381)
64. Antimicrobial activity of flavanoid sulphates and other fractions of *Argyreia speciosa* (*Burm.f*) *Boj*.
P. V. Habbu, **K. M. Mahadevan**, R. A. Shastry & H. Manjunatha.
Indian J. Exp. Biol., 2009, 47, 121-128.
(Impact factor: 0.551, ISSN: 0019-5189)
65. Synthesis of 1-(2-methyl-1,2,3,4-tetrahydroquinolin-4-yl) pyrrolidin-2-ones from anilines and *N*-Vinyl pyrrolidin-2-one through imino Diels-Alder reaction using 4-nitro phthalic acid as catalyst.
Aswathanarayana Srinivasa, **K. M. Mahadevan**, Vijaykumar Hulikal.,
Synth. Commun., 2009, 39, 93-101.
(Impact factor: 1.018, ISSN: 1532-2432)
66. Efficient and Straightforward Synthesis of Tetrahydrocarbazoles and 2,3-Dimethyl Indoles Catalyzed by CAN.
P. P. Varma, B. S Sherigara, **K.M. Mahadevan**, V. Hulikal.
Synth. Commun., 2009, 39, 158-165.
(Impact factor: 1.018, ISSN: 1532-2432)
67. Bismuth Nitrate Promoted Fischer Indole Synthesis: A Simple and Convenient Approach for the Synthesis of Alkyl Indoles.
A. Sudhakara, H. Jayadevappa, H.N.Harish Kumar, **K. M. Mahadevan.**,
Lett. Org. Chem., 2009, 6, 159-164.
(Impact factor: 0.915, ISSN:1570-1786)

68. Synthesis and activity evaluation of 2-(1-naphtho[2,1- *b*]furan-2-yl-carbonyl)-3,5-disubstituted-2,3-dihydro-1H-pyrazoles.
M.N. Kumaraswamy, C. Chandrashekhar, H. Shivakumar, D.A. Prathima Mathias, **K.M. Mahadevan**, V.P. Vaidya.
Indian J Pharma Sci., 2008, 70(6), 715-720.
(Impact factor: -, ISSN: 0250-474x)
69. Imino Diels-Alder Reactions: Efficient Synthesis of Pyrano and Furanoquinolines Catalyzed by Antimony (III) Sulfate.
Mahesh Anand Goudar, H. Jayadevappa. A. Sudhakara, and **K. M. Mahadevan**,
Lett. Org. Chem., 2008, 5, 628-632.
(Impact factor: 0.915, ISSN:1570-1786)
70. A Direct and simple approach for the synthesis of indole-3-propanol and its acetates form dihydropyran.
A. Srinivasa, **K. M. Mahadevan**, T.H. Suresh kumara and Vijaykumar Hulikal
Monatsh. Chem., 2008,139, 1475–1478.
(Impact factor: 1.426, ISSN:1434-4475)
71. Antimony (III) Sulfate Catalyzed Condensation Reaction of Indoles with Carbonyl Compounds.
A.Srinivasa, P. Prabhakar Varma, Vijaykumar Hulikal, **K. M. Mahadevan**.
Monatsh. Chem., 2008, 139, 111–115.
(Impact factor: 1.426, ISSN:1434-4475)
72. Imino Diels-Alder Reactions: Efficient Synthesis of Pyrano and Furanoquinolines Catalyzed by 4-Nitro Phthalic Acid.
A.Srinivasa, **K. M. Mahadevan**, K. M. Hosamani, and Vijaykumar Hulikal.
Monatsh. Chem., 2008, 139, 141–145.
(Impact factor: 1.426, ISSN:1434-4475)
73. Imino *Diels-Alder* Reactions: Efficient Synthesis of 2-Aryl-4-(2'-oxopyrrolidinyl-1')-1,2,3,4-tetrahydroquinolines catalyzed by Antimony (III) Sulphate.
A. Srinivasa, **K. M. Mahadevan** and Vijaykumar Hulikal,
Monatsh. Chem., 2008, 139, 255–259.
(Impact factor: 1.426, ISSN:1434-4475)
74. Hepatoprotective and Antioxidant potential of corm of *Amorphophallus paeoniifolius* (Dent) in rats,
R.A.Shastry, **K.M. Mahadevan**, P.V. Habbu, Hanumanthachar Joshi and S. K. Das,
Nat. Prod.: Indian J., 2008, 4(1), 55-60.
(Impact factor: -, ISSN: 0974-7508)
75. Enhancing the Properties of Wood through Chemical Modification with Palmitoyl chloride.
G. K. Prakash, and **K. M. Mahadevan**.
Appl. Surf. Sci., 2008. 254, 1751–1756.
(Impact factor: 1.576, ISSN: 0169-4332)
76. Synthesis, Characterization and Evaluation of Copolymers Based on N-isopropylacrylamide and 2-Ethoxyethyl Methacrylate for the controlled release of Feledipine.

- Namdev B. Shelke, S. Vijay Kumar, **K. M. Mahadevan**, B. S. Sherigara, Tejraj M. Aminabhavi.
J. Appl. Polym. Sci., 2008, 110(4), 2211-2217.
(Impact factor: 1.01, ISSN: 0021-8995)
77. Antioxidant, cytotoxic and genotoxic evaluation of alcoholic extract of *Polyalthia cerasoides* (Roxb.) Bedd.,
Y.S. Ravikumar, M.N. Kumaraswamy, V.P Vaidya, V. Kumar, **K.M. Mahadevan** and N.D. Sathyanarayan.
Environ. Toxicol. Pharmacol., 2008, 26, 142–146.
(Impact factor: 1.051 , ISSN:1382-6689)
78. Conjunctive use of coffee effluent and fresh water on performance of young Arabica coffee.
P. Shiva Prasad, Jayarama and **K.M. Mahadevan**,
J Plantation Crops., 2008, 36 (1): 30-37.
(Impact factor: 3, ISSN: 0304-5242)
79. Hepatoprotective and Antioxidant Effects of *Argyrea Speciosa* in Rats.
P.V. Habbu, R.A. Shastry, **K. M. Mahadevan**, Hanumanthachar Joshi, S.K. Das.
Afr J Tradit Complem., 2008, 5 (2): 158–164.
(Impact factor: - , ISSN: 0189-6016)
80. Voltammetric Studies of 1-(2-pyridylazo)-2-naphthol at glassy carbon electrode.
S. V. Lokesh, B. S. Sherigara. A. K. Satpati, H. S. Bhojya Naik, **K. M. Mahadevan**.
Research & Reviews in ElectroChemistry., 2008, 1(2).
(Impact factor: - , ISSN: 0974-7540)
81. Synthesis of novel 1,5-benzothiazepine[7,6-*b*]-1,8-naphthyridines under microwave irradiation *via* Mannich condensation.
T. R. Ravikumar Naik, H. S. Bhojya Naik, M. Raghavendra, P. J. Bindu and **K. M. Mahadevan**
J. Sulfur Chem., 2007, 28, 589–595
(Impact factor: -, ISSN: 1741-6000)
82. Antimony Trichloride catalyzed Condensation of Indole and Carbonyl Compounds: Synthesis of Bis (indolyl) methanes.
A. Srinivasa, Belakatta P. Nandeshwarappa, Balaji. Kiran, and **K. M. Mahadevan**.
Phosphorus, Sulfur Silicon Relat. Elem., 2007,182, 2243-2249.
(Impact factor: 0.67, ISSN: 1042-6507)
83. Synthesis and antimicrobial investigation of benzo[b]thiophene heterocycles
T. H. Suresha Kumara, A. Srinivasa, **K. M. Mahadevan** and Basavaraj Padmashali.
Indian J. Heterocycl. Chem., 2007, 17, 117-120.
(Impact factor: 0.244, ISSN: 0971-1627)
84. Synthesis of 2-(3-nitronaphtho [2, 1-*b*] furan-2-yl)-5-substituted-1, 3, 4-oxadiazoles and their biological activities.
H. Rajashekar, D. Ramesh, C. Chandrashekar, **K. M. Mahadevan** and V.P. Vaidya.
Indian J. Heterocycl. Chem., 2007, 16, 353-356.
(Impact factor: 0.244, ISSN: 0971-1627)

85. Chemistry of Substituted Quinolines: Thieno [2,3-*b*] and Thiopyrano [2,3-*b*]quinolines. B.M. Kiran, B.P. Nandeshwarappa, V.P. Vaidya, **K.M. Mahadevan**. *Phosphorus, Sulfur Silicon Relat. Elem.*, 2007, 182, 969-980. (Impact factor: 0.67, ISSN: 1042-6507)
86. Synthesis of new Seleno substituted quinolines. B. M. Kiran, B. P. Nandeshwarappa, G.K. Prakash, V. P. Vaidya, **K. M. Mahadevan**. *Phosphorus, Sulfur Silicon Relat. Elem.*, 2007, 182, 993-1002. (Impact factor: 0.67, ISSN: 1042-6507)
87. *N*-Vinylpyrrolidone and Ethoxyethyl Methacrylate Copolymer: Synthesis, characterization and reactivity Ratios. S. Vijay Kumar, T. E. Musturappa, S. Prasanna Kumar, **K. M. Mahadevan** and B.S.Sherigara. *J. Macromol. Sci., Chem.*, 2007, 44, 1161–1169. (Impact factor: 0.738, ISSN: 1520-5738)
88. Isolation of Bactericidal Constituents from the Stem Bark Extract of *Grewia tiliaefolia* Vahl. B. Mohamed. Khadeer Ahamed, V. Krishna, B.G. Harish, H. Rajanaik, H.M. Kumaraswamy, R. Sharath, J.D. Chethan and **K.M. Mahadevan**. *Res. J. Med. Plant.*, 2007, 1(3): 72-82. (Impact factor: -, ISSN: xxxx-xxxx)
89. Memory Improving Effect of *Argyrea Speciosa* in Mice. Hanumanthachar Joshi, P.V. Habbu, Kaurnaveet, Jyothi Balachauhan, **K. M. Mahadevan**, S.K. Das, and V.H. Kulkarni. *Nat. Prod.: Indian J.*, 2007, 3(1), 1-5. (Impact factor: -, ISSN: 0974-7508)
90. Antibacterial Activity of Celapanin, a Sesquiterpene Isolated from the Leaves of *Celastrus paniculatus* Willd. B. G. Harish, V. Krishna, R. Sharath, H. M. Kumara Swamy, H. Raja Naika, **K. M. Mahadevan**. *Int. J. Biomed. Pharmaceut. Sci.*, 2007, 1(1), 65-68. (Impact factor: -, ISSN: 1752-3788)
91. Wound healing activity of Embelin isolated from the ethanol extract of leaves *Embelia ribes* Burm. H.M. Kumaraswamy, V. Krishna, K. Shankaramurthy, B. Abdul Rahiman, K.L. Mankani, **K.M. Mahadevan**, B.G. Harish and H. Raja Naika. *J. Ethnopharmacol.*, 2007, 109, 529-534. (Impact factor: 2.260, ISSN: 0378-8741)
92. Antimicrobial Activity of Bioactive Constituents Isolated from *the Leaves of Naravelia zeylanica* (L.) DC. H. Raja Naika, V. Krishna, B.G. Harish, M. Khadeer Ahamed, **K.M. Mahadevan**. *Int. J. Biomed. Pharmaceut. Sci.*, 2007, 1(2), 153-159. (Impact factor: -, ISSN: 1752-3788)

93. Influence of different sources of organic manures and in organic fertilizer on growth and yield of transplanted rice (*Oryza sativa* L.) variety- KMP 101.
S. Shwetha, J. Narayana, N. S. Mawarkar, **K. M. Mahadevan**
J. Curr. Sci., 2007 10(2): 768-768.
(Impact factor: -, ISSN: xxxx-xxxx)
94. Photo oxidation of textile industrial effluents in the presence of semiconductor particles by solar exposure.
S. Prakesh naik, E. T. Puttaiah, B. R. Kiran, K. Harish Babu, **K. M. Mahadevan**,
Res. J. Chem. Environ., 2007, 11(4), 73-77.
(Impact factor:-, ISSN: 0972-0626)
95. Electrochemical Investigation of N-phenyl phthalimide and Substituted N-phenyl phthalimide at Glassy Carbon Electrode.
G.P Mamatha, B.S Sherigara, **K. M. Mahadevan**.
Bull. Electrochem., 2007 22, 401-406.
(Impact factor: 0.23, ISSN: 0256-1654)
96. Electrochemical reduction of 2-acetyl benzofuran and its derivatives at Glassy Carbon Electrode.
G.P. Mamatha, B. S. Sherigara, and **K.M. Mahadevan**.
Indian J. Chem. Technol. 2007, 14, 566-571.
(Impact factor: 0.43, ISSN: 0971-457x)
97. The Electrochemical Behavior of Novel Multifunctional α -Hydroxymethylated Nitroalkanes at Glassy Carbon and Wax Impregnated Carbon Plate Electrodes.
R.J. Mascarenhas, I.N. Namboothiri, B.S. Sherigara and **K.M. Mahadevan**.
Croat. Chem. Acta, 2007, 80(1), 53-59.
(Impact factor: 0.606, ISSN: 0011-1643)
98. Electrooxidation of carbo/thiocarbohydrazide and their hydrazone derivatives at glassy carbon electrode.
G.P. Mamatha, B.S Sherigara, **K.M Mahadevan**.
J. Chem. Sci. 2007, 119(3), 267-274.
(Impact factor: 0.745, ISSN: 0974-3626)
99. Antibacterial Activity of Stem Bark Constituents of *Polyalthia cerasoides* (Roxb.) Bedd.
Y. S. Ravikumar, B. G. Harish, V. Krishna, V. P. Vaidya, **K. M. Mahadevan**.
Int. J. Biomed. Pharmaceut. Sci. 2007, 1, 164-167.
(Impact factor: -, ISSN :1752-3788)
100. Dimensional stability and photostability of octanoylated wood.
G. K. Prakesh, K. Krishna Pandey, K. D. Ritesh Ram and **K. M. Mahadevan**.
Holzforschung, 2006, 60, 539-542.
(Impact factor: 0.81, ISSN: 0018-3830)
101. Synthesis of novel nitrogen containing naphtho [2, 1-b] furan derivatives and investigation of their anti-microbial activities.
G.K. Nagaraja, G.K. Prakash, M.N. Kumaraswamy, V.P. Vaidya and **K.M. Mahadevan**
ARKIVOC, 2006, XV, 160-168.
(Impact factor: 1.37, ISSN: 1424-6376)

102. Synthesis of novel 2-aryl-2,3-dihydro-1H-benzo[2,1-b]furo[3,2-b]pyridine-4(1H)-ones of biological importance.
G.K. Nagaraja, G.K. Prakash, N.D. Satyanarayana, V.P. Vaidya and **K.M. Mahadevan**
ARKIVOC, 2006, *XV*, 142-152.
(Impact factor: 1.37, ISSN: 1424-6376)
103. Electrochemical Behavior of Some Industrially Important Azonaphthol Derivatives at Glassy Carbon Electrode.
H. Jadevappa, Y. Shivaraj, **K.M Mahadevan**, B.E. Kumaraswamy, A.K. Sathpathi, B.S. Sherigara.
Indian J. Chem. Technol., 2006, *13*, 269.
(Impact factor: 0.43, ISSN: 0971-457x)
104. Electrochemical Behavior of Mesoionic Sydnone Derivatives at Wax-impregnated Carbon Paste Electrode
R.J. Mascarenhas, Y. Shivaraj, B.S. Sherigara., **K.M. Mahadevan** and B. Kalluraya.
Russ. J. Electrochem., 2006, *42(7)*, 776.
(Impact factor: 0.431, ISSN: 1023-1935)
105. Electrochemical Investigation of some novel multifunctional α -hydroxy methylated nitro alkenes at Glassic carbon and Wax-impregnated carbon paste electrodes.
R.J. Mascarenhas, Irish, N. Namboothiri., B.S. Sherigara, and **K.M. Mahadevan**.
J. Electrochem, Soc. India., 2006, *55(1)*, 1-6.
(Impact factor: -, ISSN: 0013-466x)
106. Synthesis and Antimicrobial Investigation of Some Novel Phenyl Pyrazole, Azetidinone and Diazenyl Ethanone Derivatives of Benzofurans
D. B. ArunaKumar, G. K. Prakash, M. N. Kumaraswamy B. P. Nandeshwarappa, B. S. Sherigara and **K. M. Mahadevan**.
Indian J. Chem B. 2006, *46B*, 336.
(Impact factor: 0.43, ISSN: 0971-457x)
107. Microwave assisted synthesis and pharmacological evaluation of some potent naphtho and benzofuro thiazolyl, oxazolyl, thio and oxadiazalyl derivatives
D.B. Aruna Kumar, G.K. Prakash, B.P. Nandeshwarappa, B.M. Kiran, B.S.Sherigara and **K.M. Mahadevan**.
Indian J. Pharm. Sci., 2006, *68(6)*, 809-814.
(Impact factor: -, ISSN: 0250-474x).
108. An Efficient Synthesis of 1,5-Thiadiazepines and 1,5-Benzodiazepines by Microwave-Assisted Heterocyclization.
G.K. Nagaraja, V.P. Vaidya, K. Sheshappa Rai and **K.M. Mahadevan**.
Phosphorus, Sulfur Silicon Relat. Elem. 2006, *181*, 2797-2806.
(Impact factor: 0.67, ISSN: 1042-6507)
109. Rediscovered Synthesis of 3-cyanoquinoline derivatives.
B.M. Kiran and **K.M. Mahadevan**.
Heterocycl. Commun., 2006, *12(6)*, 481-484.
(Impact factor: 0.473, ISSN: 0793-0283)

110. Synthesis of Naphtho [2,1-*b*]furoopyrazoles as Antimicrobial agents.
G.K. Nagaraja, M.N. Kumaraswamy and **K.M. Mahadevan**
Indian J. Heterocycl. Chem., 2006, 16, 89.
(Impact factor: 0.244 , ISSN: 0971-1627)
111. A Fast and Large-Scale Synthesis of 3-Formyl-2-Mercaptoquinolines.
B.P. Nandeshwarappa, D.B. Aruna Kumar, H.S. Bhojya Naik and **K.M. Mahadevan**
Phosphorus, Sulfur Silicon Relat. Elem., 2006, 181, 1997-2003.
(Impact factor: 0.67, ISSN: 1042-6507)
112. Microwave Assisted Synthesis of Some Novel Thiopyrano [2,3-*b*]quinolines as a New Class of Antimicrobial Agent.
B.P. Nandeshwarappa, D.B. Aruna Kumar, M.N. Kumaraswamy, Y.S. Ravi Kumar, H.S. Bhojya Naik and **K.M. Mahadevan**.
Phosphorus, Sulfur Silicon Relat. Elem., 2006, 181, 1545-1556.
(Impact factor: 0.67, ISSN: 1042-6507)
113. Microwave Assisted Synthesis of Naphtho [2, 1-*b*] Furan-1, 3, 4- Benzotriazepines: A Potent Antimicrobial agent.
G.K. Nagaraja, M.N. Kumaraswamy, V.P. Vaidya, and **K.M. Mahadevan**.
ARKIVOC, 2006, X, 211-219.
(Impact factor: 1.37, ISSN: 1424-6376)
114. Microwave-assisted Synthesis of Novel 5-aryl-1,2,4-triazolo[3,4-*b*] [1,3,4]thiadiazepino[3,2-*f*]quinolines: A Potent Antimicrobial agents.
G.K. Nagaraja, G.K. Prakash, V.P. Vaidya and **K.M. Mahadevan**.
Indian J. Heterocycl. Chem., 2006, 15, 311.
(Impact factor: 0.244, ISSN: 0971-1627)
115. Microwave Assisted Facile Synthesis of Amino Pyrimidines Bearing Benzofuran and Investigation of their Antimicrobial activity
D.B. Aruna Kumar, G.K Prakash, M.N. Kumaraswamy, B.P.Nandeshwarappa, B.S. Sherigara and **K.M. Mahadevan**.
Indian J. Chem B., 2006, 45B, 1699-1703.
(Impact factor: 0.368, ISSN: 0376-4699)
116. Electrochemical Investigation of 2-Hydroxy Naphthalidine Aniline and Substituted 2-Hydroxy Naphthalidine Aniline Schiff's Bases.
G.P. Mamatha, B.S. Sherigara, **K.M. Mahadevan** and B.E. Kumaraswamy.
Bull. Electrochem., 2005, 21(1), 9.
(Impact factor: 0.23, ISSN: 0256-1654)
117. Electrochemical Reduction of 3-phenyl sydnone: a Comparative Study at Wax Impregnated Carbon Paste and Glassy Carbon Electrode.
R. J. Mascarenhas, Y. Shivaraj, B.S. Sherigara. **K. M. Mahadevan** and B. Kalluraya.
Bull. Electrochem., 2005, 21, 10, 461.
(Impact factor: 0.23, ISSN: 0256-1654)
118. Determination of Cu, Pb, Cd and Zn in Paper and Industrial Effluents by Anodic Stripping Voltammetry.

- Y. Shivaraj, T. R. Shashishaker, E.T. Puttaiah, **K.M. Mahadevan** B.E. Kumaraswamy and B.S. Sherigara.
Bull. Electrochem., 2005, 21(9), 385.
(Impact factor: 0.23, ISSN: 0256-1654)
119. Synthesis of Novel Naphtho [2,1-*B*] Furo-Pyrazolyl, Isoxazolyl and Pyrimidyl Derivatives As Potential Antimicrobial Agents.
K. M. Mahadevan, K.M. Basavaraj, D.A. Prathima Mathias and V.P. Vaidya,
Indian J. Chem B., 2005, 44B (4), 789.
(Impact factor: 0.368, ISSN: 0376-4699)
120. Microwave assisted one pot synthesis of 8-methyl-3,6,9-triphenyl-5,6-dihydro-9h-pyrazolo[3,4-*e*][1,2,4]triazolo[3,4-*b*][1,3,4]thiadiazepine.
B.P.Nandeshwarappa D.B Aruna Kumar, H.S Bhojya Naik , V.P Vaidya and **K.M. Mahadevan**.
Indian J. Chem B., 2005, 44B, 2155.
(Impact factor: 0.368, ISSN: 0376-4699)
121. An efficient microwave-assisted synthesis of thieno[2,3-*b*]quinolines under solvent-free conditions.
B.P. Nandeshwarappa, D.B. Aruna Kumar, H.S. Bhojya Naik and **K.M. Mahadevan**.
J. Sulfur Chem., 2005, 26(4-5), 373.
(Impact factor: -, ISSN: 1741-6000).
122. Synthesis of Novel Angularly Fused Pentacyclic Heterocycles of Pharmacological Interest.
Basavaraj Padmashali, V.P. Vaidya, **K.M. Mahadevan** and K.P. Latha.
Indian J. Chem. B., 2005, 4B (7), 1446.
(Impact factor: 0.368, ISSN: 0376-4699).
123. Synthesis of Naphtho[2,1-*b*]furo[3,2-*e*]-1,4-diazepin-2-ones and Naphtho[2,1-*b*]furo[3,2-*e*]-1,3,4-triazepin-2-ones of Pharmacological Interest
V.P. Vaidya, H.M. Vagdevi, **K.M. Mahadevan** and C. S. Shreedhara.
Indian J. Chem. B., 2004, 43(7), 1537.
(Impact factor: 0.368, ISSN: 0376-4699).
124. Synthesis and Pharmacological Evaluation of Some Potent Naphtho [2,1-*b*] furo-Pyrazolyl Oxadiazolyl and Coumaryl Derivatives.
K.M. Mahadevan and V.P.Vaidya.
Indian J. Pharm. Sci., 2003, 65(2), 128.
(Impact factor: -, ISSN: 0250-474x).
125. Synthesis of Biologically Active Biheterocyclic Oxadiazolyl Benzofurans and Other Derivatives of Benzofurans.
K.M. Basavaraj, Y.S. Agasimundin, **K.M. Mahadevan** and V.P. Vaidya.
Indian J. Heterocycl. Chem., 2003, 13, 155.
(Impact factor: 0.244, ISSN: 0971-1627).
126. Synthesis of Novel Naphtho [2,1-*b*]furo[3,2-*d*] pyrimidine Derivatives.
K.M. Mahadevan, H.M. Vagdevi and V.P.Vaidya.
Indian J. Chem B., 2003, 42B, 1931.

(Impact factor: 0.368, ISSN: 0376-4699).

127. Studies in Naphthofurans: Part V-synthesis of 2-aryl-1,2,3,4-tetrahydropyrido (naphtho[2,1-*b*]furan)-4-ones and Their Biological Activity.
K. M. Mahadevan, Basavaraj Padmashali and V.P.Vaidya.
Indian J. Heterocycl. Chem., 2001, 11, 15-20.
(Impact factor: 0.244, ISSN: 0971-1627).
128. Studies in Naphthofurans : Part IV-Synthesis of Some 2-Isoxazolyl, Pyrazolyl, Pyrimidyl and Quinolinylnaphtho[2, 1-*b*]furan Derivatives and their Biological Activities.
K.M. Mahadevan and V.P. Vaidya.
J. Indian Counc. Chem., 2001, 18, 1-92
(Impact factor: xxx, ISSN: 0971-5037)
129. Choline chloride/Urea Ionic Liquid Catalyzed a Convenient One-Pot Synthesis of Indole-3-Propanamide Derivatives
Eranna Siddalingamurthy, **Kittappa M. Mahadevan**, and Tamatakallu O. Shrunghesh Kumar
Synth. Commun., 2013
(Impact factor: 1.018, ISSN: 1532-2432)(In press)
130. Mild, efficient Fischer indole synthesis using 2,4,6-trichloro-1,3,5-triazine (TCT)
Eranna Siddalingamurthy, **Kittappa M. Mahadevan**, Jagadeesh N. Masagalli, Hosanagara N. Harishkumar
Tetrahedron Lett. 2013,
(Impact factor: 2.683, ISSN: 0040-4039) (In press)
131. One-pot synthesis of novel symmetric 1, 5-di(benzofuran-2-yl)-3-(4-substituted-Aryl)-pentane-1, 5-dione derivatives
Aruna Kumar D B, Nivedita R Desai, Krishnaswamy G, Sreenivasa S and **Mahadevan K M**
Indian J. Chem. B., Pub.3/4(OC- 1620)/2013
(Impact factor: 0.368, ISSN: 0376-4699). (In press)

Papers Presented in Conference / Seminars

1. Choline chloride/Urea Ionic Liquid Catalyzed a Convenient One-Pot Synthesis of Indole-3-Propanamide Derivatives. **Kittappa M. Mahadevan**, Hosanagara N. Harishkumar, Jagadeesh N. Masagalli, and Hosapalya T. Srinivasa. Recent Advances in Chemical Biology An overview (RACB-2013). March 15-16, 2013. Organized by Dept of PG Studies in Chemistry, Government Science college, Hassan
2. Synthesis and in vitro Cytotoxicity studies of 3-(1*H*-indol-3-yl)-1,3-diphenylpropan-1-ones. Jagadeesh N Masagalli, **Kittappa M Mahadevan** and H Jayadevappa. Recent Advances in Chemical Biology An overview (RACB-2013). March 15-16, 2013. Organized by Dept of PG Studies in Chemistry, Government Science college, Hassan

3. High throughput one pot synthesis of 2-methylquinolines. Kiran Kumar H Chandrashekarappa, **Kittappa M Mahadevan**, Kiran B Manjappa. Recent Advances in Chemical Biology An overview (RACB-2013). March 15-16, 2013. Organized by Dept of PG Studies in Chemistry, Government Science college, Hassan
4. Green synthesis of 2,3,4,9-tetrahydro-1*H*-carbazoles/ 2,3-dimethylindoles catalyzed by [bmim (BF₄)] ionic liquid in methanol. Tamatakallu O. ShrungheshKumar, **Kittappa M. Mahadevan**. Recent Advances in Chemical Biology An overview (RACB-2013). March 15-16, 2013. Organized by Dept of PG Studies in Chemistry, Government Science college, Hassan
5. Choline chloride/Urea Ionic Liquid Catalyzed a Convenient One-Pot Synthesis of Indole-3-Propanamide Derivatives. Eranna Siddalingamurthy, **Kittappa M. Mahadevan** and Tamatakallu O. Shrunghesh Kumar. Recent Advances in Chemical Biology An overview (RACB-2013). March 15-16, 2013. Organized by Dept of PG Studies in Chemistry, Government Science college, Hassan
6. Participation in International Conference on Open Source for computer Aided Translational medicine February 22-25, 2012, organized by CSIR-Institute of Microbial Technology(2nd International conference).
7. Synthesis of medicinally important 3-(*N*-alkyl/aryl piperidyl)indoles Via reductive amination. International conference on synthetic and structural chemistry. Siddalingamurthy E, **K. M. Mahadevan**, Jagadeesh N M. 8th- 10th December 2011, 8th- 10th December 2011, Manglore University, Karnataka, India.
8. Facile one pot synthesis of 2-(1,3-benzoxazol/benzothiazol/benzoimidazole-2-yl)-3*H*-benzo[*f*] chromen-3-one Derivatives and their Fluorescence studies. H.N. Harish Kumar, Jagadeeshwara and **K. M. Mahadevan**. Indian Council of Chemists. 19th - 21st December 2010, XXIX annual conference, Panjab University, Chandigarh, India
9. TLC Bioautography method for the screening of antimicrobial potential of *Pithecellobium Dulce*. Nayak D Satyanarayan, Shrishail M Pattadkal, Kirankumar Baburao, **Kittappa M. Mahadevan** and Sharanabasappa A Patil. Indian Council of Chemists. 19th -21st December 2010, XXIX annual conference, Panjab University, Chandigarh, India
10. Anti-diabetic Potential of *Costus igneus* in Alloxan Induced Diabetic Rats. Nayak D Satyanarayan, Uma S, Kirankumar Baburao, Sheelvanth Shankerrao, **K. M. Mahadevan**, and Sharanabasappa A Patil. Indian Council of Chemists. 19th - 21st December 2010, XXIX annual conference, Punjab University, Chandigarh, India.
11. Antiulcer Activity of *Evolvulus alsinoides* against Aspirin induced Gastric Ulceration. Nayak D Satyanarayan, Khadar Mohiudeen CM, Kirankumar Baburao, **K. M. Mahadevan**, and Sharanabasappa A Patil. Indian Council of Chemists. 19th -

21st December 2010, XXIX annual conference, Panjab University, Chandigarh, India.

12. Photocatalytic degradation of methyl red by using ZnO nanoparticle. N. Madhusudhana, K. Yogendra, Suneel Naik, **K. M. Mahadevan**. National Symposium on Frontier areas in chemical science and nanotechnology (NSFACNT-2010). May 1&2 2010, Kuvempu University, Shankaraghatta, India.
13. A Facile, Mild and efficient synthesis of Tryptophan analogues. A. Sudhakara, H. Jayadevappa, **K. M. Mahadevan**. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
14. TLC bioautography method to determine the antimicrobial potency of *Zingiber officinale*, Shivanand, Jagannatha Chari A, Kiran K beede, **K. M. Mahadevan** and N. D. Satyanarayan. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
15. TLC bioautography method to determine the antimicrobial potency of *Argimone Mexicana*. Aruna M. D, Kiran K Beede, **K. M. Mahadevan** and N. D. Satyanarayan. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
16. Isolation, Characterization and hepatoprotective activity of secondary metabolites of *Amorphophallus paeoniifolius* [Dennst in rats. R.A. Shastry, **K. M. Mahadevan**, P.V. Habbu and V. H. Kulkarni. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
17. Synthesis characterization and antibacterial activity of substituted Benzofuroindenones and indene diones. **K. M. Mahadevan**, Sheelavanth. S.N, Manjunatha. K.S, Santhosha. S.M, Satisha. A.S, Prashanth.D.U and Kumar. G. R. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
18. Aqueous synthesis of N-Phenyl/alkyl-2-quinolinone-3-carboxylic acids from coumarin-3-carboxylic acids. H.N. Harish Kumar, Vijay Kumar Hulikal, **K. M. Mahadevan**. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
19. TLC bioautography method to determine the antimicrobial potency of *Semecarpus anacardium*. Girish. H. V, Kiran K Beede, **K. M. Mahadevan** and N.D. Satyanarayan. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.
20. One Pot Synthesis of 2-Methyl Tetrahydroquinolines from amines via imino Diels-Alder reaction using $CeCl_3 \cdot 7H_2O$. A.Srinivasa, Prabhakar Varma and

K. M. Mahadevan. Recent Trends in Chemical and Biological Sciences. March 30-31st 2010, Kuvempu University, Shankaraghatta, India.

21. Facile synthesis of Unsymmetrical triindolylmethanes catalyzed by Antimony trichloride. A J Yamuna, **K M Mahadevan**, V P Vaidya. National symposium of SAIF Bangalore, one day user's meeting in NMR Research Center, March 9, 2010 Bangalore.
22. Large scale, high yield synthesis of 1-Piperonyl piperazine. G. R. Vijayakumar, B. N. Devaraju, B. M. Kiran, A. Sudhakara, **K. M. Mahadevan**. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
23. Environmentally friendly synthesis of Bis-(Indolyl)-Methanes catalysed by Nitro Phthalic acids. H. C. Kiran Kumar, A. Sudhakara, **K. M. Mahadevan**. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
24. Synthesis, Characterization and Photocatalytic activity of ZnO Nanoparticles against Coralene Red F3bs Disperse Azo dye. Suneel Naik, **K. M. Mahadevan**, N. Madhusudhana, K. Yogendra. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
25. Facile Synthesis of 3-Spiropyrrrolizidine Oxindoles and 3-Spiro Otetrahydroquinoline Oxindoles via [3+2] and [4+2] cycloaddition reactions. A. Sudhakara, H. Jayadevappa, P. S. Pradeep Kumar, **K. M. Mahadevan**. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
26. A mild and a simple access to diverse 4-Amino substituted 2-Phenyl-1,2,3,4-Tetrahydroquinolines and 2-Phenylquinolines based on a multi component Imino Dieckmann reaction. P. Prabhakara Varma, **K. M. Mahadevan**. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
27. Synthesis of Unsymmetrical Triindolylmethanes (TIMs): Evaluation of Antioxidant and Analgesic properties. A. J. Yamuna, **K. M. Mahadevan**. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
28. Studies on Synthesis, Fluorescence Properties and Biological Activities of Long Chained 2-(5-Alkyl-1,3,4-Oxadiazol-2-yl)-3H-Chromen-3-Ones. K. Kusuma, **K. M. Mahadevan**, V. P. Vaidya. International Conference on Current Trends in Chemistry and BioChemistry. Dec 18-19th 2009, Bangalore, India.
29. Studies on the synthesis and fluorescent properties of long-chained 2-(5-alkyl-1, 3, 4-oxadiazol-2yl)-3H-benzo[f]chromen-3-ones. Rajesha, H. S. Bhojya Naik, H. N.

- Harish Kumar, K. M. Hosamani, **K. M. Mahadevan**. At two days National conference (CMNIS-2009), Organized by Department of Industrial Chemistry, Kuvempu University, Shankaraghatta, Shimoga, Karnataka, January 16-17th 2009.
30. Evaluation of anti-amnesic Potential of corm of *Amorphophallus Paeoniifolius* (Dennst) in rats. P.V Habbu, R. A. Shastry, **K. M Mahadevan**. International Herbal Conference, Bangalore, on February 26-28th 2009.
 31. Phytochemical investigation and Pharmacognostical evaluation of corm of *Amorphophallus Paeoniifolius* (Dennst). P.V Habbu, R. A. Shastry, **K. M Mahadevan**. International Euro-India Conference on Holistic Medicine in Kottayam, Kerala on August 21-23rd 2008.
 32. Evaluation of Anti-amnesic Potential of Corm of *Amorphophallus* (Dennst) in Mice R. A. Shastry, **K. M Mahadevan**, P.V Habbu, J.P Patil. and V. H Kulkarni. International HERBAL CONFERENCE -2009, Bangalore. INDIA.
 33. Immunomodulatory Activity of Corm of *Amorphophallus paeoniifolius* (Dennst). Shastry R. A, **K. M Mahadevan**, Habbu P.V, Patil J.P. and Kulkarni V. H. ICMR Sponsored National Conference on Role of Traditional Medicines & Natural Products in Management of Neurodegenerative Disorders. June 22-24th 2008.
 34. Antibacterial, Antifungal and Antitubercular Activity of *Argyrea Speciosa*. P.V Habbu, R. A. Shastry, **K. M Mahadevan**, J.P Patil. and V. H. Kulkarni. 59th Indian Pharmaceutical Congress **2007**.
 35. Antioxidant Potential Of Corm of *Amorphallus paeoniifolius* (Dennst) in Rats, R. A. Shastry, **K. M Mahadevan**, P.V Habbu, J.P Patil. and V. H Kulkarni. 59th Indian Pharmaceutical Congress **2007**.
 36. Hepatoprotective Activity of *Argyrea speciosa* (Sweet) in Rats P. V. Habbu, **K. M. Mahadevan**, R. A. Shastry, S. K. Das and V. H. Kulkarni. National Conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007). March 23 to 24th **2007**.
 37. Hepatoprotective Activity of Corm of *Amorphophallus Paeoniifolius*. R.A. Shastry, **K.M. Mahadevan**, P.V. Habbu, S.K. Das and V.H. Kulkarni. National Conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007). March 23 to 24th **2007**.
 38. Synthesis and in vitro Drug release studies of chemically modified Gelatin micro particles. T.E.Musturappa, B.S.Sherigara and **K.M.Mahadevan**. Paper presented at national Conference on Eco-Friendly plastics and Rubber Systems, Dept of Polymer science and Technology, S J College of Engineering Mysore India. 19th-20th may**2008**.
 39. Ceric Ammonium Sulphate Catalyzed Condensation of Indoles and Carbonyl Compounds – Synthesis of Bis-indolylmethanes. A. Srinivasa and

- K. M. Mahadevan.** Paper presented at International Conference on Emerging Trends in Chemical Science, Department of Chemistry, University of Mumbai, Mumbai, India. January 23 to 25th **2007**
40. Imino Diels-Alder Reactions: Efficient synthesis of 2-aryl-4-(2'-Oxopyrrolinidyl-1') - 1,2,3,4 Tetrahydroquinolines catalyzed by Antimony Trichloride. A. Srinivasa, T. H. Suresha Kumara, V.P. Vaidya and **K.M. Mahadevan.** Paper presented at National Conference on Current Trends in Chemical Research, Department of Chemistry, Mangalore University, Mangalagangothri, Mangalore, Karnataka. India. May 13 to 14th **2006.**
 41. Antimicrobial Activity of *Polyalthia Ceresoides*. Y.S. Ravikumar, V.P. Vaidya and **K.M. Mahadevan.** Paper presented at National Conference on Current Trends in Chemical Research, Department of Chemistry, Mangalore University, Mangalagangothri, Mangalore, Karnataka. India. May 13 to 14th **2006.**
 42. Microwave Assisted Synthesis of Some Novel Thiopyrano[2,3-*b*]quinolines. B.P. Nandeshwarappa, H.S. Bhojya Naik and **K.M. Mahadevan.** Paper presented at Second International Symposium on Drug Discovery and Process Research, K.L.E. College of Society. Belgaum. Karnataka. India. February 10 to 12th **2006.**
 43. Interesting Synthesis of 3-Cyanoquinoline Derivatives. B.M. Kiran, V.P. Vaidya and **K.M. Mahadevan.** Paper presented at Second International Symposium on Drug Discovery and Process Research, K.L.E. College of Society. Belgaum. Karnataka. India. February 10 to 12th **2006.**
 44. Evaluation of Antimutagenic Activity of Crude Extracts of *Dioscorea pentaphylla* in Albino Mice. Y.S. Ravikumar and **K.M. Mahadevan.** Paper presented at Second International Symposium on Drug Discovery and Process Research, K.L.E. College of Society. Belgaum. Karnataka. India. February 10 to 12th **2006.**
 45. Microwave Assisted One Pot Synthesis of Thieno(2,3-*b*)quinolines. B.P. Nandeshwarappa, H.S. Bhojya Naik and **K.M. Mahadevan.** Paper presented at International Symposium on Advances in Organic Chemistry, School of Chemical Sciences Mahatma Gandhi University, Kerala, Kottayam, January 9 to 12th **2006.**
 46. Microwave Assisted Facile Synthesis of Amino Pyrimidines Bearing Benzofuran and Investigation of Their Antimicrobial Activity. D.B. Aruna Kumar, B.S. Sherigara and **K.M. Mahadevan.** Paper presented at International Symposium on Advances in Organic Chemistry, School of Chemical Sciences, Mahatma Gandhi University, Kerala, Kottayam, January 9 to 12th **2006.**
 47. A Simple and Convenient Synthesis of 3-Cyanoquinoline Derivatives. B.M. Kiran, V.P. Vaidya and **K.M. Mahadevan.** Paper presented at International Symposium on Advances in Organic Chemistry, School of Chemical Sciences, Mahatma Gandhi University, Kerala, Kottayam, January 9 to 12th **2006.**

48. Microwave Assisted One Pot Synthesis of Chromeno (2, 3-*b*) quinolines. B.P. Nandeshwarappa, H.S. Bhojya Naik and **K.M. Mahadevan**. Paper presented at National Conferences on Chemical Sciences for Industry and Society School of Chemical Sciences Kuvempu University, Karnataka, January 6 to 8th **2006**.
49. Microwave Assisted Synthesis and Pharmacological Evaluation of Some Potent Naphtho and Benzofuro Thiazolyl, Oxazolyl, Thia and Oxadiazalyl Derivatives. D.B. Aruna Kumar, B.S. Sherigara and **K.M. Mahadevan**. National Conference on Chemical Sciences for Industry and Society, Kuvempu University, Karnataka, January 6 to 8th, **2006**.
50. Synthesis and Pharmacological Evaluation of 3-naphtho[2,1-*b*]furan-2-ylcarbonyl)-3Hylcarbonyl-3H-1,3,4-benzotrizepine. G.K. Nagaraja, M.N. Kumaraswamy, V.P. Vaidya and **K.M. Mahadevan**. National Conference on Chemical Sciences for Industry and Society, Kuvempu University, Karnataka, January 6 to 8th, **2006**.
51. Potent Pharmacological activity of Natural Curcuminoids and Their Palladium (II) chloride and Bromide Complexes. National Symposium on Current Trends in Inorganic Chemistry. Dept of Applied Chemistry, Cochin University of Science and Technology Kochi, 15 to 17th, March **2004**.
52. Synthesis and Characterization of Tris(Hydroxyl)hydroxy Methyl Amine Grafted Styrene Maleic anhydride Copolymer as Dispersing and Emulsifying Agent. National Seminar on Role of Chemistry in the emerging area of Applied Science, Sri Krishna Devaraya University Tirupati- Andrapradesh. March 15 to 17th **2004**.
53. Synthesis of New Benzcoumaryl pyrazolyl, Isoxazolyl and Pyridyl Derivatives and Investigation of Their Antimicrobial Activities. D.B. Aruna Kumar, B.S. Sherigara, and **K.M. Mahadevan**. Paper presented at 23rd Annual Conference of Indian Council of Chemists, K. C College Church gate, Mumbai. October 29 to 31st **2004**.
54. Microwave Assisted One Pot Synthesis of Pyrazol [5,4-*c*] thiodiazapin[2,1-*b*]-1,3,4-triazoles" B.P. Nandeshwarappa, H.S. Bhojya Naik and **K.M. Mahadevan**. Paper presented at 23rd Annual Conference of Indian Council of Chemists, K. C College, Church gate, Mumbai. 29 to 31st October 2004.
55. Facile Synthesis of Furoquinoline Derivatives. B.M. Kiran, D.B. Aruna Kumar, V.P. Vaidya and **K.M. Mahadevan** Paper presented at 23rd Annual Conference of Indian Council of Chemists, K. C. College, Church gate, Mumbai. October 29 to 31st **2004**.
56. An Efficient Synthesis of 1,5-Diazepines and 1,5-Thiazepines by Microwave-Assisted Heterocyclization. Paper presented at 23rd Annual Conference of Indian Council of Chemists, K. C. College, Church gate, Mumbai. October 29 to 31st **2004**.
57. Synthesis of Novel Angularly Fused Pentacyclic Heterocycles of Pharmacological Interest. Basavaraj Padmashali, **K.M. Mahadevan**. And V.P. Vaidya. International Symposium on Drug Discovery and Process Research (DDPR-2003) Shivaji University Kolhapur India. January 23 to 25th **2003**.

58. Synthesis of Novel Naphtho [2,1-*b*]furo[3,2-*d*]pyrimidine Derivatives. **K.M. Mahadevan**, H.M. Vagdevi and V.P.Vaidya 21st Annual Conference of Indian Council of Chemist Jabalpur-M.P. India. October 24 to 26th **2002**.
59. Studies in Naphthofurans: Part IV-Synthesis of Some 2-isoxazolyl, Pyrazolyl, Pyrimidyl and Quinolinylnaphtho [2,1-*b*] furan Derivatives and Their Biological Activities. **K.M. Mahadevan** and V.P. Vaidya 88th Session of Indian Science Congress New Delhi. January 3 to 7th **2001**.
60. Synthesis and Pharmacological Evaluation of Pharmacologically More Potent Naphtho[2,1-*b*]furo-pyrazole Oxadiazole and Coumarin Derivatives. **K.M. Mahadevan** and V.P.Vaidya 38th Annual Convention of Chemist, Jodhpur, India. **2001**.
61. Anthelmintic Activity of the Fruits of *Balanites Roxburghii*. Basavaraj Padmashali, **K.M. Mahadevan** and V.P. Vaidya 20th Annual Conference of Indian Council of Chemist, Mysore, 22 to 24th December **2001**.
62. Studies in Naphthofurans: Part V- synthesis of 2-aryl-1, 2, 3, 4-tetrahydropyrido (naphtho[2,1-*b*]furan)-4-ones and Their Biological Activity. **K.M. Mahadevan**, Basavaraj Padmashali and V.P.Vaidya 19th Annual Conference of Indian Council of Chemist, Shankaraghatta, Shimoga, Karnataka. November 27 to 29th **2000**.