



Dr. K. M. Mahadevan

Professor and HOD

Dept of Chemistry

And

Director

P G Centre Kadur-577548

Kuvempu University

Karnataka, INDIA

E-mail: mady_kmm@yahoo.co.uk,

mahadevan.kmm@gmail.com.

mahadevan@kuvempu.ac.in



Prof. K. M. Mahadevan, M.Sc., CSIR-UGC-NET, Ph.D., Post. Doc
(South Korea)

Prof. K. M. Mahadevan obtained M.Sc. degree from University of Mysore in 1997 with distinction and qualified CSIR-JRF in same year 1997. He was a research fellow at CFTRI Mysore in 1998. He was appointed as lecturer in Kuvempu University in 1998 and obtained Ph.D., degree from Kuvempu University in 2003. He carried out post-doctoral research work at KRICT South Korea in 2010 and he was a visiting scientist to University of Sunderland, London, UK. Since 1998 he has been working as Assistant

Professor, Associate professor, Professor from 2013, and Served as Head of the Department of Chemistry, BOS Chairman, BOE Chairman, Co-ordinator for Distance Education, Faculty Advisor and also a Director for P.G Centre at Kadur and Chikkamagalur of Kuvempu University. And presently serving as Registrar (Evaluation) at University of Mysore.

His research interest includes synthetic chemistry and medicinal chemistry. He received Distinguished Industrial Research Scientist Award from Bio-Organic and Applied Material Pvt. Ltd., Bangalore and also received MID CAREER Award from UGC New Delhi in 2019 for recognition of his research contribution in chemistry. He has been published more than **230** research papers and edited **12** books. As of now, **44** students have completed their Ph. D degree and another **09** students are presently working. He has been a Scientific Advisory Board Member of Bio-Organics and Applied Material Pvt. Ltd., Bangalore. He has completed over **5** research projects funded by DBT, DST, CSIR and UGC. Identification of new drugs for malaria and tuberculosis in collaboration with CDRI-Lucknow, and investigation of new OLED materials funded by DST and Vision Group on Science and Technology, Karnataka State are in progress. And also some of his research investigations are referred in foreign text books attribute high quality research work being done in his lab.

Citation indices

	All	Since 2013
<u>Citations</u>	2500	1319
<u>h-index</u>	24	16
<u>i10-index</u>	70	48

KUVEMPUR



UNIVERSITY

Dr. K. M. Mahadevan, M.Sc.,
Professor and HOD
Dept of Chemistry, And Director
Kuvempu University
P G Centre Kadur-577548
Karnataka, INDIA

Phone: +91 9164621170(Cell)
+91 8282 256225 (Off)
+91 8282 256255(Fax)

E-mail: mady_kmm@yahoo.co.uk,
mahadevan.kmm@gmail.com,
mahadevan@kuvempu.ac.in

POSITIONS AND EMPLOYMENT

Date of joining into service as lecturer : 13-5-1998
Associate Professor : 13-5-2010 TO 13-5-2013
Professor : **13-5-2013 to till date**

ADMINISTRATIVE EXPERIENCE

DETAILS OF ADMINISTRATIVE EXPERIENCE:

Sl. No.	University/ Department	Position held*	Period
1	Kuvempu University, P G Centre, Kadur	Director	March 2012 to till date
2	P.G. Boys Hostel, Kuvempu University, Shankaraghatta	Staff Adviser	2006 to 2008
3	Directorate of Distance Education Kuvempu University	Coordinator	2006 to 2008
4	Post graduate Department of Chemistry	Head of the department	2012 to till date

* Position held: Chairperson/Registrar/Deputy Registrar/Warden/In-charge-of units

RESEARCH POSITIONS HELD

Scientific Adviser (2005 to till date)

- 1) Bio Organics and Applied Material Pvt. Ltd. Bangalore, Karnataka, INDIA
- 2) Suman Laboratories, Shivamogga
- 3) Azyme Bioscience.Pvt.Ltd., Jayanagar, Bangalore

ACADEMIC QUALIFICATION

Sl. No.	Examinations passed with relevant Degree	University/ Institution	Month & Year	Class Obtained	Subject
1	B.Sc.	Mysore	April 1995	I	Phys., Chem., Maths.
2	M.Sc.	Mysore	May 1997	I	Organic Chemistry
3	Ph.D.	Kuvempu	Aug.2003	-	Chemistry
4	CSIR-UGC-NET	CSIR-UGC	June 1997	JRF-CSIR	Chemical Sciences
5	Post Doctoral Research	KRICT-South Korea	10 th of October to 31 st of December 2010	-	Organic Solar Cell Research

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

1. How to Prepare for Joint CSIR-UGC / NET / JRF / GATE in Chemical Sciences (Published-2003)
2. Organic Chemistry III (Published-2004)
3. Organic Chemistry IV (Published-2005)
4. Practical Organic Chemistry (Published-2005)
5. Applied Chemistry (Published-2007)
6. 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)

7. Synthesis, Fluorescence and Liquid Crystal Properties of Coumarins, ISBN No 978-3-659-29843-1 (Published-2013)
8. Organic Stereochemistry: Terms, Definitions and Applications (Publisher: College Book House, ISBN No 978-93-819796-4-8) (Published-2015)
9. **Special Topics in Organic Chemistry: Deals with Concise Terms & Definitions with Illustrative Examples** (Publisher: College Book House, ISBN No 978-93-819796-4-8) (Published-2019)
10. **Comprehensive Organic Spectroscopy: An Approach for Quick Learning of Organic Structures** (Publisher: College Book House, ISBN No 978-93-819796-4-8) (Published-2019)
11. **1D and 2D NMR Spectroscopy: Terms and Definitions with Illustrative Examples for Quick Learning of 2D NMR Techniques** (Publisher: College Book House, ISBN No 978-93-819796-4-8) (Published-2019)
12. **A Concise Organic Stereochemistry: Deals with Concise Terms & Definitions with Illustrative Examples** (Publisher: College Book House, ISBN No 978-93-819796-4-8) (Published-2019)

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 Work Cited In Foreign Text Books

1. **Title of text book: Multicomponent Reactions Vol. 1: General Discussion Involving carbonyl compound as electrophilic component.**
Authors- Thomas J. J. Müller-2015, Thieme publication.
 - a. Srinivasa, **K. M. Mahadevan** and Vijaykumar Hulikal, Imino *Diels-Alder* Reactions: Efficient Synthesis of 2-Aryl-4-(2'-oxopyrrolidinyl-1')-1,2,3,4-tetrahydroquinolines catalyzed by Antimony (III) Sulphate. *Monatsh. Chem.*, 2008, 139, 255-259.
 - b. P. Prabhakara Varma, Bailure S Sherigara, **K. M. Mahadevan**, and Vijaykumar Hulikal. 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. *Synth. Commun.*, 2010, 40, 2220-2231.
2. **Title of text book: Progress in Heterocyclic Chemistry, Volume 22**
Authors- Gordon W. Gribble, John A. Joule-2010, Elsevier Publication
Sudhakara, H. Jayadevappa, **K.M.Mahadevan** and Vijaykumar Hulikal.
Efficient Synthesis of 2-Ethoxycarbonyl Indoles. *Synth. Commun.*, 2009, 39: 2506-2515.
3. **Title of the book: Multicomponent Reactions: Concepts and Applications for Design and Synthesis**

Authors- Raquel P. Herrera, Eugenia Marques-L, pez-2015, Wiley publication

Eranna Siddalingamurthy, **Kittappa M. Mahadevan**, and Tamatakallu O. Shrunghesh Kumar. Choline chloride/Urea Ionic Liquid Catalyzed a Convenient One-Pot Synthesis of Indole-3-Propanamide Derivatives. *Synth. Commun.*, 2013, 43, 3153-3162

4. Title of the book: Arene Chemistry: Reaction Mechanisms and Methods for Aromatic Compounds,

Authors- Jacques Mortier-2015, Wiley publication,

Siddalingamurthy, **K. M. Mahadevan**, J. N. Masagalli, H. N. Harishkumar, *Tetrahedron Lett.* 2013, 54, 5591–5596.

5. Title of the book: Indole Ring Synthesis: from Natural Products to Drug Discovery

By Gordon W. Gribble – 2016, Wiley, publication.

a. P.P. Varma, B.S. Sherigara, **K.M. Mahadevan**, and V. Halikal, *Synth. Commun.*, 2009, 39, 158–165.

b. A. Sudhakara, H. Jayadevappa, **K.M. Mahadevan**, and V. Hulikal, 108 Indole Ring Synthesis References.

6. Title of the book: Science of Synthesis: Multicomponent Reactions Vol. 1: General Discussion and Reactions Involving a Carbonyl Compound as Electrophilic Component.

By Maria Jose Arevalo Caballero, Muhammed Ayaz, Luca Banfi, Andrea Basso, Luca Bernardi-2014, **Thieme- Publication.**

a. Srinivasa, **K. M. Mahadevan** and Vijaykumar Hulikal, Imino *Diels-Alder* Reactions: Efficient Synthesis of 2-Aryl-4-(2'-oxopyrrolidinyl-1')-1,2,3,4-tetrahydroquinolines catalyzed by Antimony (III) Sulphate. *Monatsh. Chem.*, 2008, 139, 255-259.

b. P. Prabhakara Varma, Bailure S Sherigara, **K. M. Mahadevan**, and Vijaykumar Hulikal. 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. *Synth. Commun.*, 2010, 40, 2220-2231.

RESEARCH INTERESTS

13. Synthetic Organic Chemistry
14. Medicinal Plant Chemistry
15. Environmental Chemistry

RESEARCH ACTIVITIES

16. Research Publication in peer review
National and International Journals : 230*
17. Papers Presented in Seminars / Symposia /
Conferences in India and Abroad : 68*

RESEARCH GUIDANCE

- Number of Ph. D guided : 44* (guide-18, coguide-26)
- Number of M. Phil guided : 2

RESEARCH COLLABORATION

1. Bio Organics and Applied Material Pvt Ltd. Bangalore, Karnataka, INDIA
2. Dept of Physics Tumkur University
3. Dept of Physics University of Mysore

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(CDR I)	2012 (On going)	Rs 5.50 Lakhs
7	Principal Investigator	Synthesis of Coumarin Dyes with Different Acceptors and Spacers for Generating Novel Organic Dye-Sensitized Solar Cells	DST-SERB	2013 (On going)	Rs 12 Lakhs

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	2004	2007
2	D.B. Aruna Kumar	Full Time	Studies on Novel Heterocyclic Compounds Encompassing Furan Nucleus of Biological Importance	2004	2007
3	G. K. Nagaraja	Part Time	Studies on Nitrogen Heterocycles Fused with Furan of Biological Importance	2004	2007
4	G. K. Prakash	Full Time	Development of novel route for the Chemical modification of wood surfaces and their weathering performance	2005	2008
5	Y. S. Ravi kumar	Full Time	Investigation of some medicinal Plants for anticancer activity	2005	2008
6	A. Srinivasa	Full Time	Study on imino Diels-Alder reaction: a potential approach towards the quinolines	2005	2008
7	Prasanna V. Habbu	Part Time	Investigation Of Novel Quinoline Heterocycles And Some Selected Medicinal Plants For Various Pharmacological Activities	2006	2009
8	Rajesh Shastri	Part Time	Investigation of Benzofuran Heterocycles and Some Selected Medicinal Plants for Hepatoprotective and Antioxidant Activities	2006	2009
9	Bindu P J	Full time	Novel approach for the synthesis of quinolines of biological importance	2007	2012
10	Harishkumar H N	Part time	Synthetic studies on coumarins coupled with nitrogen and sulphur Heterocycles	2008	2013
11	Kiran Kumar H C	Full time	An efficient synthesis of tetrahydroquinolines from a multicomponent imino Diels-Alder reaction	2010	2015

12	N. M. Jagadeeshwara	Full time	Synthetic studies on some bioactive indoles	2010	2015
13	Siddalingamurthy E	Part time	Studies on development of new protocols for the synthesis of indole heterocycles	2009	2015
14	Shrungesh Kumar T O	Full time	Studies on multicomponent reaction: An approach to expedite synthesis of nitrogen heterocyclic compounds	2010	2015
15	Pradeep P. S	Part time	Studies on cycloaddition reactions: An approach to synthesise N-Heterocycles	2009	2016
16	Anilkumar R.	Full time	Synthesis and Biological Significance of Bis-Indoles	2015	2018
17	Vijetha Rajshekar Shetty	Part time	Investigation of various organic electrode materials for rechargeable lithium ion batteries.	2015	2019
18	Rangaswami P	Part time	Synthesis of fluorophosphate electrode materials for rechargeable Lithium and Sodium ion Batteries.	2015	2019

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	2003	2006
2	T. R. Shashi shaker	Full Time	Studies on Paper and Pulp Industrial Effluents	2003	2006
3	Prakash Naik	Full Time	Studies on Textile Industrial Effluents.	2004	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	2007
5	Vijay Kumar. S	Full Time	Synthesis and Characterization of Polyurethanes and N-Vinyl pyrrolidone Polymer as Biomaterials	2006	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	2008
7	Mallikarjuna H. R	Full Time	Synthesis and characterization of some novel azo dyes.	2004	2009
8	Suresha Kumar T. H	Full Time	Synthesis and evaluation of chemotherapeutic values of quinolines and benzothipene derivatives.	2006	2009
9	Swetha S	Full Time	Vermicomposting technology transfer in agriculture for soil fertility improvement and economic sustainability.	2006	2009
10	Shiva Prasad P	Part Time	Conjunctive use of coffee effluent and pure water on performance of coffee	2006	2010
11	Rajesha	Full Time	Synthetic studies on coumarins of biological importance	2007	2010
12	Sudhakara A	Full Time	A Novel Approach Towards the Synthesis of Indoles	2006	2010
13	Prabhakara Varma P	Full Time	Studies On Catalytic Application Of Certain Protic Acids And Lewis Acids In Organic Synthesis	2006	2010
14	Goudarshivannanavar B.C	Full Time	Investigation of New Heterocycles Encompassing Furan Nucleus and Some Selected Medicinal Plants for Antioxidant Activity	2006	2011
15	Jayashree	Full	Studies on Chemical Modification of Wood Based on Esterification Reactions	2006	2012
16	Naik suneel seetaram	Full Time	Synthesis Of Nanoparticles and Dispersion on Polymers for the Photocatalytic Degradation of Textile Azo Dyes	2008	2012
17	Mahesh Anand Goudar	Part Time	Investigations of novel nitrogen heterocycles and some selected medicinal plants for various pharmacological activities	2006	2013
18	Kusuma K	Full Time	Synthesis, characterization and pharmacological evaluation some heterocyclic compounds containing nitrogen and oxygen	2010	2013
19	Madhusudhana N	Full Time	Studies on photocatalytic degradation of industrial dyes	2008	2013

			and coloured effluents		
20	Gopalappa H	Part Time	Synthesis and Application of Nanoparticles in Catalytic Degradation of Water Soluble Dyes	2008	2013
21	Shet Prakash	Part Time	Synthesis and pharmacological investigations of some heterocyclic compounds containing oxygen	2010	2014
22	Yamuna A J	Full Time	Synthesis and evaluation of antioxidant property of indole.	2010	2014
23	Poornima. K.	Full time	Studies on the impact of textile Effluents on freshwater fish oreochromis mossabics	2010	2014
24	Bhavya. C	Full time	A study on degradation of textile dyes using metal oxide nanoparticles and their toxicity on cuprinus carpio	2013	2019
25	Niranjan K. S.	Part time	A study on characterization of soils and assessment of soil quality index under major land use systems in hilly zone of Karnataka	2013	2019
26	Pushpa. V.	Full time	A study on biodegradation of industrial dyes using soil fungal isolates	2013	2019

Research Guidance Detail (Ph.D.): Working

Sl. No.	Name of Students	Part time/ /Full time	Title of the Thesis	Year of Reg.
1	Srinivas. M.	Part time	Synthesis of promising push-pull organic dyes for dye-sensitized solar cells	2014
2	Nagaveni V. B.	Part time	Synthesis and spectral studies on novel Organic fluorescent dyes	2014
3	Shashikant Walki	Fulltime	Synthesis of some novel dyes for dye-sensitized solar cells applications	2015
4	Ravindra M. K.	Full time	Design and synthesis of novel Organic compounds for OLED applications.	2016
5	Naveenkumar	Full time	Synthesis of novel organic Phosphorescent compounds for OLED applications.	2016

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

Sl. No.	Name of the Candidate	Part time/ /Full time	Title of the Thesis	Year of Registration
01	Shilpa	Full time	A study on synthesis of metal oxide Nanoparticles and its photocatalytic activity on industrial dyes	2014
02	Kiran. G.R	Full time	Application of strontium oxide and its composite nanoparticles in the degradation of water soluble dyes: an eco-friendly approach	2015
03	Nagendra naik	Full time	Application of Barium oxide and its composites Nanoparticles in the degradation of certain industrial dyes	2015
04	Santhosh A. M.	Full time	Studies on Photodegradation of Industrial Dyes: An approach on Identifying highly efficient metal oxide nanoparticles	2016

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. New design of highly sensitive AIE based fluorescent imidazole derivatives: Probing of sweat pores and anti-counterfeiting applications
MK Ravindra, **KM Mahadevan**, RB Basavaraj, GP Darshan, SC Sharma, MS Raju, GR Vijayakumar, Kiran B Manjappa, Ding-Yah Yang, H Nagabhushana
Materials Science and Engineering: C, **2019**.
2. Silver nanoparticles loaded ZnO photoelectrode with Rose Bengal as a sensitizer for dye sensitized solar cells
Shubhangi Khadtare, Abu Saad Ansari, Habib M Pathan, Sung-Hwan Han, KM Mahadevan, Suresh D Mane, Chinna Bathula
Inorganic Chemistry Communications, **2019**
3. Isolation and identification of azo dye degrading microbes using 16s r RNA sequencing
V. Pushpa*, K. Yogendra, K. M. Mahadevan and M. Mahesh
Journal of Applied and Natural Science
11(2): 245- 249 (2019).
4. Acute and sublethal toxicity of Calcium Magnesium nanoparticle to the *freshwater fish*, *Cyprinus carpio*
Bhavya C, Yogendra K, **Mahadevan K.M.**
Journal of Emerging Technologies and Innovative Research,
June **2019**, Volume 6, Issue 6, ISSN-2349-5162.
5. Soil Quality Assessment Through Minimum Data Set Under Arecanut Land Use System Hilly Zone of Karnataka, India
K.S.Niranjana, K.Yogendra, **K. M.Mahadevan**
International Journal of Environment, Ecology, Family and Urban Studies (IJEEFUS),
2019, 9, 27-34
6. Soil Quality Index (SQI) as Influenced by Paddy Land Use among Different Districts of Hilly Zone of Karnataka
K.S.Niranjana, K.Yogendra, **K. M.Mahadevan**
Environment and Ecology, **2019**, 37 (2), 528—534
7. Synthesis of 2-[1*H*-indol-2-yl(1*H*-indol-3-yl)methyl]phenol and Its Application in Aqueous Rechargeable Lithium-Ion Batteries
Vijeth Rajshekar Shetty , Anil Kumar, Dr. Gurukara Shivappa Suresh, **Dr. Kittappa Malavalli Mahadevan**
ChemistrySelect, **2018**, Vol 3, Issue 28, 8363-8372.

8. Synthesis, Characterization, Crystal Structure and Hirshfeld Surface Analysis of 4-(1-(4-methoxyphenyl)-4,5-diphenyl-1*H*-imidazole-2-yl)Phenyl Carboxylic acid Monohydrate
M. K. Ravindra, Karthik Kumara, **K. M. Mahadevan**, H. S. Bhojya Naik, Kakarla Raghava Reddy, N. K. Lokanath and S. Naveen.
Journal of Applicable Chemistry, **2018**, 7 (3): 513-520.
Impact factor: 0.7
9. Carbon-Nanotube-Encapsulated LiTiOPO₄ Composite Electrode for Aqueous Rechargeable Battery Applications
Rangaswamy Puttaswamy, Gurukar Shivappa Suresh, **Kittappa Malavalli Mahadevan**, Yanjerappa Arthoba Nayaka
ChemistrySelect, **2018**, 3, 11, 3056-3069.
10. Acute toxicity test of synthesized calcium zincate nanoparticles in common carp *Cyprinus carpio*
Bhavya C, Yogendra K, **Mahadevan KM** and Madhusudhana N
International Journal of Fisheries and Aquatic Studies **2018**; 6(3): 267-271
11. Synthesis, crystal structure and excellent photoluminescence properties of copper (II) and cobalt (II) complexes with Bis (1[(4-butylphenyl)imino]methyl naphthalen-2-ol) Schiff base.
V.B. Nagaveni, **K.M.Mahadevan**, G.R.Vijayakumar, H.Nagabhushana,S. Naveen,N.K. Lokanath.
Journal of Science: Advanced Materials and Devices, 3, **2018**, 51-58.
12. A Comparative Study over Degradation of Direct Green 6 by using Synthesized Magnesium Aluminate and Magnesium Zincate Nanoparticles
Shilpa G, Yogendra K, **Mahadevan K.M**, Madhusudhana N and Santhosh A.M
Journal of Applied Chemistry (IOSR-JAC), Vol.11, **2018**, 1-08.
13. Synthesis, Characterization, Structural Elucidation and Hirshfeld Surface Analysis of a Novel 1*H*-Imidazole Derivative
T.P. Jyothi,M.K. Shivanand,S.B. Benaka Prasad,M.K. Ravindra,K. M. Mahadevan, N.K. Lokanath,and S. Naveen.
Journal of Applicable Chemistry, **2018**, 7 (2): 382-389.
14. Synthesis, Characterization Studies of a Novel Indole Derivative:
3, 3'-[(5-methylthiophen-2-yl) methanediyl]bis (1*H*-indole)
R. Anil Kumar, K.M. Mahadevan, H.S. Bhojyanaik, M.V. Deepa Urs, N.K. Lokanath and S. Naveen
Journal of Applicable Chemistry, **2018**, 7 (2):353-360
15. Physico-chemical characterisation and fertility rating of maize growing soils from hilly zone of Shivamogga district, Karnataka
K.S. Niranjana*, K. Yogendra and K.M. Mahadevan

Indian J. Agric. Res., 52 (1) **2018**: 56-60

16. Synthesis, Characterization and Crystal Structure Analysis of 2-(1-(4-butylphenyl)-4,5-diphenyl-1H-imidazol-2-yl)-4-chlorophenol
T.P. Jyothi, H.R. Manjunath, M.K. Ravindra, M.K. Shivanand, **K.M. Mahadevan**, N.K. Lokanath, and S. Naveen*
Journal of Applicable Chemistry, **2018**, 7 (1):224-233
17. Study On Photocatalytic Degradation Coralene Red F3BS By Using Synthesized Al₂O₃ Nano Particles
Madhusudhana N, Yogendra K, Mahadevan K. M., Santhosh A. M.
AGU International Journal of Engineering & Technology, **2018**, Vol.6, e-ISSN: 2455-0442
18. In Vitro Antioxidant, Antimicrobial and Admet Study of Novel Furan/Benzofuran C-2 Coupled Quinoline Hybrids
Anantacharya Rajpurohit, Nayak D. Satyanarayan, Sameer Patil, Kittappa M. Mahadevan, Adarsha H. J.
International Journal of Pharmacy and Pharmaceutical Sciences, 9(10):144, **2017**.
19. Synthesis, Characterization, Crystal Structure and Hirshfeld Surface Analysis of 2-[1-(4-butylphenyl)-4,5-diphenyl-1H-imidazol-2-yl]phenol
Anil Kumar R, Naveen S, Karthik Kumara, **Mahadevan KM**, Bhojyanaik HS, Lokanath NK
Der Pharma Chemica, **2017**, 9(23):29-37.
Impact factor: 0.54
20. A Significant Approach in which a Carboxylic Acid Group Prevents Bisindole Formation when 2-Formylbenzoic Acid Reacts with Indole: A Crystal Structure Study
R. Anil Kumar, S. Naveen, M. N. Kumara, **K. M. Mahadevan** and N. K. Lokanath*
International Journal of ChemTech Research: ISSN: 2455-9555,
Vol.10 No.7, pp 949-960, **2017**.
21. Synthesis, Photoluminescence and Forensic Applications of Blue Light emitting Azomethine-Zinc (II) Complexes of Bis (salicylidene) cyclohexyl-1, 2-diamino Based Organic Ligands
M Srinivas, GR Vijayakumar, **KM Mahadevan**, H Nagabhushana, HS Bhojya Naik
Journal of Science: Advanced Materials and Devices, **2017**, 2, **156-164**.
Impact factor: 2.8
22. Impact factor: 1.783-(1H-Indol-3-yl)-2-benzofuran-1(3H)-one
R. Anil Kumar, S. Naveen, M. Abdul Rahiman, **K. M. Mahadevan**,
M. N. Kumara, N. K. Lokanath* and Ismail Warad*
IUCrData, **2017**, 2, x170107
Impact factor: 0.6

23. Enhanced electrochemical performance of LiVPO₄F/f-graphene composite electrode prepared via ionothermal process.
P Rangaswamy, VR Shetty, GS Suresh, **KM Mahadevan**, DH Nagaraju
Journal of Applied Electrochemistry, **2017**, 47 (1),1-12
Impact factor: 2.822.
24. Synthesis of ZnAl₂O₄ Nano-Particles and Its Application for PhotoCatalytic Decolourization of Model Azo Dye Acid Red 88 in Presence of Natural Sunlight
Shilpa G, Yogendra K, **Mahadevan K. M** , Madhusudhana N
IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 10, Issue 7 Ver. II (July. **2017**), PP 35-41
Impact factor: 3.149
25. Photodegradation of Congo red azo dye, a Carcinogenic Textile dye by using synthesized Nickel Calcite Nanoparticles
Santhosh A. M. , Yogendra K. , **Mahadevan K. M.** , Madhusudhana N.
International journal of advanced technology in engineering and science Vol. No.6,Issue No.07,July **2017** ISSN(O) 2319-8354
Impact factor: 5.02
26. Application of synthesized nickel calcite nanoparticles for the degradation of black MSRL reactive dye
Santhosh A. M. , Yogendra K. , **Mahadevan K. M.** , Madhusudhana N
Journal of science and technology for management of emerging environmental issues ISBN;978-81-921562-3; **2017**
Impact factor: 2.93
27. Solar Photocatalytic Decolorization of Direct Blue 14 Dye by Using Synthesized SrO Nanoparticles
Kiran G.R., Yogendra K., **Mahadevan K. M.**, Mallikarjun, I., Madhusudhana N.
International journal of advanced technology in engineering and science Vol. No.5,Issue No.07,July **2017**
28. Synthesis and application of MgZnSrO₃Nano-particle for the photocatalytic decolourization of coralene dark red 2b azo dye (cdr 2b)
Madhusudhana N, Yogendra K, **Kittappa M Mahadevan**, Kiran G Rajgopal
International Journal of Science and Technology (aguijst), **2017**, Vol. No.5,jul-Dec ISSN;2455-0493
29. Effect of Carbon and Nitrogen Sources for the Degradation of Red 2G by Bacillus Sp., Pushpa V, Yogendra K, Mahadevan K. M, Mahesh M, Mahesha Kalasaiah, Sayam Aroonsrimorakot
Int. J. Pharm. Sci. Rev. Res., 47(1), November - December **2017**; 21, 108-113

30. Electrochemical Activities of Melamine and its Applications in Aqueous Rechargeable Lithium Ion Batteries.
Vijeth Rajshekar Shetty, G. S. Suresh, **K. M. Mahadevan**.
Indian Journal of Advances in Chemical Science, **2016**, S1, 263-266.
Impact factor: 1.285, ISSN: 0973-7103.
31. Synthesis of Calcium Oxide Nanoparticles and Its Mortality Study on Fresh Water Fish Cyprinus Carpio,
Bhavya C, Yogendra K, **Mahadevan K M**, Madhusudhana N
Journal of Environmental Science, Toxicology and Food Technology, **2016**, 10(12), 55-60. , e-ISSN: 2319-2402,p- ISSN: 2319-2399
Impact factor: 1.4.
32. Photocatalytic degradation of violet gl2b using synthesised CAZNAL₂O₅ metal oxide nano Madhusudhana Narayanappa Yogendra Kambalagere Kittappa M Mahadevan and Kiran G Rajgopalakrishna
Research journal of chemica sciences vol. 6(12), 47-53, December (**2016**) E-ISSN 2231-606X
33. Synthesis of Novel 5,8-Dihydro[1,2,4]Triazolo[3,4-*B*][1,3,4]Thiadiazepines Derivatives Involving Naphtho[2,1-*B*] Furan And Evaluation of Their Possible Pharmacological Activities.
MN. Kumaraswamy*, VP. Vaidya, C. Chandrasekhar, DA. Prathima Mathias, H. Shivakumar and **KM. Mahadevan**
International journal of pharmaceutical and chemical sciences, , **2016**, 5 (4), 245-251.
ISSN: 2277-5005,
Impact factor: 2.60,
34. Synthesis, Characterization and Photocatalytic Efficiency of CaMgO₂ against selected Dyes under visible Radiation. C. Bhavya, K. Yogendra, **K. M. Mahadevan** and N. Madhusudhana.
Journal of Environmental Science, Computer Science and Engineering & Technology, **2016**, 5, 138-147.
Impact factor: 5.857
35. A new favorite LiTiPO₄F electrode material for aqueous rechargeable lithium ion battery
Puttaswamy Rangaswamy & Gurukar Shivappa Suresh & Mahadevan Malavalli Kittappa
J Solid State Electrochem-**2016**, 20, 2619-2631.
Impact factor: 2.327
36. Synthesis, crystal structure and photoluminescence study of green light emitting bis(1[(4-butylphenyl)imino]methyl naphthalen-2-ol) Ni(II) complex
M. Srinivas, T.O. Shrunghesh Kumar, **K.M. Mahadevan**, S. Naveen, G.R. Vijayakumar, H. Nagabhushana, M.N. Kumara, N.K. Lokanath.

Journal of Science: Advanced Materials and Devices, **2016**, 1, 1-6.

Impact factor: 1.78

37. Design, Synthesis and Molecular Docking Studies of 2-Aryl/Heteroaryl-Ethyl 6-Chloroquinoline-4-Carboxylates as Potential Antimalarial Agents
T. O. Shrunghesh Kumar, **K. M. Mahadevan**, P. S. Sujana Ganapathy and M. N. Kumara
Letters in Drug Design & Discovery, **2016**, 13, 1-9.
Impact factor: 0.974
38. Synthesis, Antiplasmodial and Admet Studies of 4-Methylamino-2-Phenylquinoline Analogs
Santhosha S. Mahantheshappa, Nayak D. Satyanarayan, **Kittappa M. Mahadevan**, Yogesh D. Bommegowda, Menaka Thangaraj
International Journal of Pharmacy and Pharmaceutical Sciences, **2016**, 8, 173-179.
Impact factor: 0.535
39. Synthesis, Characterization and Crystal structure Studies of 2-[(4-chlorophenyl)(1H-indol-3-yl)methyl]-1H-indole
R. Anil Kumar, S. Naveen, T. O. Shrunghesh Kumar, **K. M. Mahadevan**, M. N. Kumara and N. K. Lokanath
Der Pharma Chemica, **2016**, 8, 242-246.
Impact factor: 0.6
40. Chemical Characterisation and Nutrient Rating of Soils of Arecanut (Areca Catechu L.) Gardens of Hilly Zone of Karnataka
Niranjana, k. S, Yogendra, K, & **Mahadevan, K. M**
International journal of agricultural science and research (IJASR), **2016**, 6, 25-30.
Impact factor: 0.5833
41. 2-[(2-Fluorophenyl)(1H-indol-3-yl)methyl]-1H-indole
R. Anil Kumar, S. Naveen, T. O. Shrunghesh Kumar, **K. M. Mahadevan**, M. N. Kumara and N. K. Lokanath
IUCrData, **2016**, 1, 1-3.
Impact factor: 0.6
42. Decolorization of synthetic Coralene Violet 3R and Disperse Blue 2BL azo dyes using photoactive Calcium Aluminate nanoparticle in presence of sunlight
Yogendra Kambalagere, Bhavya Channappa, **Kittappa M Mahadevan**, Madhusudhana Narayanappa
Int'l Journal of Advances in Chemical Engg., & Biological Sciences (IJACEBS), **2016**, 3, 2349-1515.
Impact factor: Not available
43. Comprehensive Electrochemical Studies of Tavorite LiTiPO₄F/C Electrode for Rechargeable Lithium Ion Battery
Puttaswamy Rangaswamy, Gurukar S. Suresh and **Malavalli K. Mahadevan**

Chemistry Select, **2016**, 1, 1472 – 1483.

Impact factor: Not available

44. Ethyl-8-ethoxy-2-oxo-2H-chromene-3-carboxylate: Synthesis, characterization, crystal and molecular structure and Hirshfeld surface analysis.
V. B. Nagaveni, S. Naveen, T. O. Shrunghesh Kumar, M. N. Kumara, **K. M. Mahadevan** and N. K. Lokanath
Der Pharma Chemica, **2016**, 8, 392-396.
Impact factor: 0.5
45. 7-Hydroxy-3-(4-nitrophenyl)-2H-chromen-2-one.
Shashikanth Walki, S. Naveen, S. Kenchanna, **K. M. Mahadevan**, M. N. Kumara and N. K. Lokanath.
IUCrData **2016**, 1, 2414-3146.
Impact factor: 0.6
46. Kinetic and Mechanistic Study of Chloramine-T Assisted Color Removal of Triphenyl Methylene Dyes Containing Waste Water: A Spectrophotometric Approach.
Muddegowda Harsha, Muddegowda Umashankar, **Kitappa Malavalli Mahadevan**, Sannaiah Ananda and Manikyanahalli Narasigowda Kumara
Journal of Applicable Chemistry, **2016**, 5 (5): 1175-1190.
47. Novel synthetic approach for 1, 4-dihydroxyanthraquinone and the development of its Lithiated salts as anode material for aqueous rechargeable Lithium-ion batteries
Vijeth Rajshekar Shetty, Gurukar Shivappa Suresh, Marriappa Ramaiah, **K. M. Mahadevan**, Doddahalli Hanumantharayudu Nagaraju, Imran Shakir
New J. Chem., **2015**, 39, 8534-8544.
Impact factor: 3.08
48. A study on Photocatalytic decolourization of Violet GL2B azo dye using two different synthesized nano particles CaZnO₂ against commercially available TiO₂.
Madhusudhana N, Yogendra K, **Mahadevan K.M.**
Int. J. Chem. Environ. Eng. **2015**, 6, 210-218.
Impact factor: 2.035
49. Crystal structure of 8-ethoxy-3-(4-nitrophenyl)-2H-chromen-2-one.
Shashikanth Walki, S. Naveen, S. Kenchanna, **K. M. Mahadevan**, M. N. Kumara and N. K. Lokanath.
Acta Cryst. **2015**, E71, 2056-9890.
Impact factor: 0.6
50. Synthesis and Characterization of Zinc Oxide (ZnO) Composite Nanoparticles and its Efficiency in Photo catalytic degradation of Red HRBL dye in Aqueous Solution by Solar Radiation
Shilpa G , Yogendra K , **Mahadevan K. M.** and Madhusudhana N
Int. J. Environ. Sci., **2015**, 4, 188-194.

Impact factor: 2.208

51. Synthesis, growth and characterization of a new organic nonlinear optical crystal: 3-[(1-(2-phenylhydrazinylidene) ethyl)-2*H*-chromen-2-one].
B.C Hemaraju, M.A Ahlam, N Pushpa, **K.M. Mahadevan**, A.P.G. Prakash
Journal of Optics, **2015**, 1, 1-8.
Impact factor: 1.598
52. Synthesis, growth and characterization of new promising organic nonlinear optical crystal: 4-nitrophenyl hydrazone.
B. C. Hemaraj, M. A. Ahlam, N. Pushpa, **K. M. Mahadevan** and A. P. Prakash.
Spectrochimica Acta Part A, **2015**, 15, 854-860.
Impact factor: 2.09
53. Synthesis, in vitro antibacterial, toxicity and molecular docking anticancer of novel N-[(2-chloroquinolin-3-yl) methylene Schiff bases].
Pradeep P.S., Shrungesh Kumar T. O., Prashanth N., **K. M. Mahadevan**.
Int J Curr Pharm Res, **2015**, 7, 37-46.
Impact factor: 2.12
54. SAR Study, Molecular Property and In *silico* Study of Novel Tetrahydroquinolines bearing Trifluoromethyl Group for Anticancer, Antimalarial, AntiHIV Activities.
PS Pradeep, N.M Jagadeesh, H.C Kiran Kumar, **K. M. Mahadevan**
Intl J Curt Tren Pharm Res, **2015**, 3, 728-740.
Impact factor: 1.47
55. A study on the synthesis; characterization and photocatlytic activity of CaO nanoparticale against some selected azodyes.
Bhavya C., Yogendra K., **Mahadevan K. M.**
Indian Journal of Applied Research. **2015**, 5, 361-365.
Impact factor: 0.48
56. Crystal structure of ethyl 2-(2,4,5-trimethoxyphenyl) quinoline-4-carboxylate.
T. O. Shrungesh Kumar, S. Naveen, M. N. Kumara, **K. M. Mahadevan** and N. K. Lokanath
Acta Cryst. **2015**, E71, 0514-0515.
Impact factor: 0.34
57. Comparatives studies of synthesis symmetric 2,6-di(benzofuran-2-yl)4-phenyl-pyridine derivatives via pyrylium tetrafluoroborate salt and 1, 5 dione derivatives.
D. B. Aruna Kumar, Nivedita R. Desai, G Krishanaswamy, S. Sreenivasa and **K. M. Mahadevan**.
Indian. J. Chem., Sec B, **2015**, 538-544.
Impact factor: 0.48

58. Synthesis and assesment of heptaprotective activity of some new 2-aryl tetrahydroquinoline and spirooxyinodolyl tetrahydroquinoline derivatives.
Mahesh Anand Goudar, Jaydevappa H., **Mahadevan K. M.**, Shastry R. A. Habbu PV Sayeswar H. A.
Int J Pharm Pharm Sci. **2015**, 7, 309-313.
Impact factor: 0.91
59. Isolation and characterization of secondary metabolite from habenaeria intermedia D. DON for evaluation of hepatoprotective activity against carbon tetrachloride induced liver damage in albino rats.
Mahesh Anand Goudar, Jaydevappa H., **Mahadevan K. M.**, Shastry R. A. Habbu PV Sayeswar H. A
Asian J Pharm Clin Res, **2015**, 8, 2-5.
Impact factor: 0.51
60. Isolation and characterization of secondary metabolite from habenaeria intermedia D. DON for screening hepatoprotective potential against carbon tetrachloride induced toxicity in albino rat liver.
Mahesh Anand Goudar, Jaydevappa H., **Mahadevan K. M.**, Shastry R. A., Habbu P. V and Sayeswar H. A.
International Journal of Current Pharmaceutical Research, **2015**, 7, 57-61.
Impact factor: 4.5
61. Crystal structure of ethyl 6-bromo-2-[(E)-2-phenylethenyl]quinoline-4-carboxylate
T. O. Shrunghesh Kumar, S. Naveen, M. N. Kumara, **K. M. Mahadevan** and N. K. Lokanath.
Acta Cryst. **2015**, E71, 0121.
Impact factor: 0.34
62. Synthesis of Calcium Aluminate Nanoparticle and Its Application to Photocatalytic Degradation of Coralene Navy Blue 3G and Coralene Violet 3R
Bhavya C., Yogendra K., **Mahadevan K. M.**
Int. J. Res Chem. Environ., **2015**, 5, 28-33.
Impact factor: 0.423
63. Synthesis and Antimicrobial Study of Symmetric 2,6-Di(benzofuran-2-yl)-4-(4-chlorophenyl)pyrylium tetrafluoroborate.
Gurunathan Krishnaswamy, Nivedita R. Desai, **K.M. Mahadevan** and Doyijode B. Aruna Kumar.
Journal of Single Molecule Research, **2015**, 3, 1-6.
Impact factor: 0.51
64. Synthesis and comparative study of calcium zincate nanoparticles for their decolourization efficiencies against disperse blue 2BL di azo dye in presence of sun light.
Bhavya. C, Yogendra. K, **Mahadevan. K. M.**

J. Chem.. Bio. Phy. Sci. **2014**, 4, 1973-1979.

Impact factor: 1.8

65. Photocatalytic decolourization of textile effluent by using synthesized nano particles
Narayanappa Madhusudana, Kambalagere Yogendra, **Kittappa M. Mhahadevan**
J. Environ. Nantechnol. **2014**, 34, 41-53.
Impact factor :0.61
66. Hepatoprotective Potential of Tubers of *Habenaria Intermedia* D. Don. Against
Carbon tetrachloride Induced Hepatic Damage in Rats.
Mahesh Anand Goudar, Jaydevappa H., **Mahadevan K. M.**, Shastry R. A. and
Sayeswar H. A.
Int. J. Cra., **2014**, 6, 10090-10097.
Impact factor: 3.52
67. Synthesis and Molecular Docking Study of 2-Aryl/Heteroaryl-6-Chloro-Quinoline-4-
Carboxylic Acids with Plasmodium LDH Protein Receptor
T. O. Shrungheshkumar, **K. M. Mahadevan**, P. S. Sujanganapathy, M. N. Kumara
Int J Pharm Pharm Sci, **2014**, 7, 431-437.
Impact factor: 0.55
68. Solar Photocatalytic Degradation of Azo Dye Brilliant Red in Aqueous Medium by
Synthesized CaMgO₂ Nanoparticle as an Alternative Catalyst.
H. Gopalappa, K. Yogendra, **K. M. Mahadevan** and N. Madhusudhana
Chem Sci Trans., **2014**, 3, 232-239.
Impact factor: 0.62
69. Synthesis, DNA binding, docking and photocleavage studies of quinolinyl Chalcones.
P. J. Bindu, **K. M. Mahadevan**, T. R. Ravikumar Naik and B. G. Harish.
Med. Chem. Commun, **2014**, 5, 1708-1717.
Impact factor: 2.626
70. Synthesis and molecular docking studies of 2,3-dialkylindoles and carbazoles with
MDM2-p53 and PBR receptor proteins.
Jagadeesh N. Masagalli, **Kittappa M. Mahadevan**, Honnali Jayadevappa, Mariswamy
Mahesh, Preenon Bagchi.
Am. J. Pharm Health Res, **2014**, 2, 88-102.
Impact factor: 0.67
71. Synthesis, molecular docking and fluorescent properties of novel (E)-3-(9-ethyl-9H-
carbazol-3-yl)-1-phenylprop-2-en-1-ones.
N. M. Jagadeesh, **K. M. Mahadevan**, Preenon Bagchi.
Int J Pharm Pharm Sci, **2014**, 6, 317-325.
Impact factor: 0.91

72. Synthesis and molecular docking studies of 1-trityl-5-azaindazole derivatives. Jagadeesh N. Masagalli, **Kittappa M. Mahadevan**, Eranna Siddalingmurthy, and Preenon Bagchi.
J. Chem. Pharm. Res, **2014**, 6, 143-152.
Impact factor: 0.91
73. Synthesis of novel γ -carboline derivatives and their in silico studies on 5HT₁, H₁ and CCR2 antagonist receptors.
E. Siddalingamurthy, **K. M. Mahadevan**, N. M. Jagadeesh, M. N Kumara.
Int J Pharm Pharm Sci, **2014**, 6, 548-554.
Impact factor: 0.91
74. Synthesis and docking study of 3-(N-alkyl/aryl piperidyl) indoles with serotonin-5HT₁, H₁ and CCR2 antihistamine receptors.
E Siddalingamurthy, **K. M. Mahadevan**, N. M. Jagadeesh, M. N Kumara.
Int J Pharm Pharm Sci, **2014**, 6, 475-482.
Impact factor: 1.59
75. Toxicity and molecular docking studies of tetrahydroquinolines against microbial, Cancer, retinoic, acid receptor inflammatory, cholesterol ester transferases and parasitic protein receptors
Pradeep P. S., Kiran Kumar H. C., **K. M. Mahadevan** Jadish N. M.
Int J Pharm Sci, **2014**, 7, 448-459.
Impact factor: 0.91
76. Synthesis of indolecarboxamides and their docking studies with H₁, 5HT and CCR2 antagonist receptors.
E. Siddalingamurthy, **K. M. Mahadevan**, N. M. Jagadeesh, M. N Kumara.
Am. J. Pharm Health Res, **2014**, 2, 245-258.
Impact factor: 0.67
77. Synthesis and Fluorescence Study of Some New Blue Light Emitting 3-(1,3-benzothiazol/benzoxazol-2-yl)-2H-chromen-2-ones.
Kittappa M. Mahadevan, Hosanagara N. Harishkumar, Jagadeesh N. Masagalli, Manikyanahally N. Kumara.
SOP Transactions on Organic Chemistry, **2014**, 1, 20-30.
Impact factor: 0.35
78. Crystal structure of 1-[(2S*, 4R*)-6-fluoro-2-methyl-1, 2, 3, 4-tetrahydroquinolin-4-yl] pyrrolidin-2-one
PS Pradeep, S Naveen, MN Kumara, **K M Mahadevan**, NK Lokanath
Structure Reports 2014, 70, 153-156.
Impact factor: 0.35
79. Crystal structure of cis-1-(2-methyl-1, 2, 3, 4-tetrahydroquinolin-4-yl) azepan-2-one

PS Pradeep, S Naveen, MN Kumara, **KM Mahadevan**, N.K. Lokanath
Acta Crystallographica Section **2014** E70, o981-o982.
Impact factor: 0.35

80. 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, **Mahadevan K M**
Indian J. Chem. B., Pub. 426-430, **2014**
Impact factor: 0.471
81. A Comparative Study on the Textile Effluent Decolourization by Using Synthesized Nano Particle and Procured Nano Particle.
Madhusudhana N, Kambalagere Y, Mahadevan K M
Int J Nano Stud Technol., **2014**, 3, 1-8.
Impact factor: 0.419
82. Synthesis and spectroscopic studies of alkali clearable azo dye of 3-amino-5-nitrophthalic acid
Mallikarjuna Rajappa Halli, J.Keshavayya, **K.M.Mahadevan**, M.N.K.Harish, K.Venugopal Reddy
Org. Chem.: Indian J., **2014**, 10, 263-270.
Impact factor: 0.387
83. Synthesis and cytotoxic studies of 2, 3-dimethylindoles and tetrahydrocarbazoles
T. O. Shrunghesh Kumar, **K. M. Mahadevan**, M. N. Kumara
IJPPS, **2014**, 6, 137-140.
Impact factor: 1.59
84. Synthesis and in vitro cytotoxicity study of 3-(1H-indol-3-yl)-1,3- diphenylpropan-1-ones
Jagadeesh N. Masagalli, **Kittappa M. Mahadevan**, Honnali Jayadevappa, Hosanagara N. Harishkumar, Rajesha Ganalu, Prashantha Nagaraja.
Med Chem Res., **2014**, 23, 2880-2889.
Impact factor: 1.6
85. Synthesis and molecular docking study of *n*-alkyl/aryl-2-aryl indol-3-yl glyoxylamides as novel anticancer agents
N. M. Jagadeesh, **K. M. Mahadevan**, M. N Kumara, N. Prashantha
IJPPS, **2014**, 6, 921-926.
Impact factor: 1.59
86. Characterization of coffee effluent with environmental perspective and possible treatment using zeolites.
Prasad, P. S.; Jayarama; **Mahadevan K. M.**; D'Souza, M. V.; Prasanna, S. M.
J. Coffee Res. **2013**, 41, 22-30.

Impact factor: 0.368

87. Design, Synthesis and Antibacterial Investigations of Novel Symmetric 2, 6-Di (Benzofuran-2-Yl)-4-Phenyl-Pyridine Derivatives
Doyijode B. Aruna Kumar, Nivedita R. Desai, Gurunathan Krishnaswamy, Swamy Sreenivasa, Raja Naika Hanuma Naika & **Kittappa M. Mahadevan**.
Indo American Journal of Pharmaceutical Research (IAJPR), **2013**, 3, 7470-7476.
Impact factor: 2.37
88. Synthesis Characterization and Antimicrobial studies of some Novel Sulphonamides containing Substituted Naphthofuroyl group.
Shet Prakash M. Vaidya V.P. **Mahadevan K.M.** Shivananda M.K. Sreenivasa S. and Vijayakumar G.R.
Research Journal of Chemical Sciences. **2013**, 3, 15-20.
Impact factor: 0.432
89. 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 Kuma
Synth. Commun., **2013**, 43, 3153-3162
Impact factor: 1.018
90. Photo catalytic decolourization of textile effluent by using metal oxide nanoparticles
Narayanappa Madhusudana, Kambalagere Yogendra, **Kittappa M. Mahadevan**
J. Sci and Art., **2013**, 3, 303-318
Impact factor: 0.410
91. 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**, 54, 5591–5596
Impact factor: 2.683
92. 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., **2013**, 9, 373-379
Impact factor: 0.489
93. 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, 450-455.
Impact factor: 0.96

94. 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, 281-287
Impact factor: 0.502
95. Synthesis, characterization and hepatoprotective activity of benzo[*b*] furoindoles and benzo[*b*] furopyrazoles
R. A. Shastry, **K. M. Mahadevan**, S. D. Joshi, Uttam A. More, P. V. Habbu, and V. H. Kulkarni
Indian J. Heterocycl. Chem., **2013**, 23, 81-86.
Impact factor: 0.244
96. Synthesis and Hepatoprotective activity of novel substituted Benzo[*b*] Indeno [2,1-*b*] furanone derivatives.
R. A. Shastry, **K. M. Mahadevan**, P. V. Habbu, S. D. Joshi and V. H. Kulkarni
Indian J. Heterocycl. Chem., **2013**, 22, 215-220.
Impact factor: 0.244
97. 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
98. 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
99. 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, 20-35.
Impact factor: 0.58
100. 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, 159-168.
Impact factor: 0.432
101. 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

102. 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, 6095-6098.
Impact factor: 2.554

103. 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, 1300-1307.
Impact factor: 0.435

104. Solar photocatalytic degradation of Orange G (mono azo dye) and C. I. Direct Yellow 50 (di azo dye) by synthesized CaZnO₂ nanoparticle in Aqueous solution
H. Gopalappa, K. Yogendra, **K. M. Mahadevan** and N. Madhusudhana
Int. J. Univers Pharm Life Sci., **2012**, 2, 66-77.
Impact factor: 1.893

105. 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, 91-95.
Impact factor: Not available

106. 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, 16-25
Impact factor: 1.893

107. 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, 367-371.
Impact factor: 0.626

108. 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, 39-43.

Impact factor: 0.324

109. 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

110. 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, 121-136.

Impact factor: **1.719**

111. 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, 1179-1184.

Impact factor: 0.48

112. 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, 1-7.

Impact factor: 0.321

113. Protective effect of *Habenaria intermedia* tubers against acute and chronic physical and psychological stress paradigms in rats

Habhu PV, Smita DM, **Mahadevan KM**, Shastry RA, Biradar SM

Brazilian Journal of Pharmacognosy **2012**, 22, 568-579.

Impact factor: 0.676

114. 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

115. Decolorization of CoraleneDark Red 2B azo dye using Calcium Oxide nanoparticle as an adsorbent.

Madhusudhana N, Yogendra K, **Mahadevan K. M.**

IJRCE., **2012**, 2, 21-25.

Impact factor: 0.342

116. 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
117. 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
118. 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
119. 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, 94-102.
Impact factor: 0.42
120. 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
Impact factor: 0.325
121. Synthesis and Fluorescence study of 2-[5-(-2- arylethenyl)-1, 3, 4-Oxadiazol-2-yl]-3*H*-Benzo[*f*]chromen-3-ones.
Rajasha, H. C. Kiran Kumar, H. S. Bhojya Naik, **Kittappa. M. Mahadevan**.
Org. Chem.: Indian J. **2012**, 8, 34-40.
Impact factor: 0.51
122. Ethyl 5-bromonaphthol[2,1-*b*]furan-2carboxylate]
M.Shet Prakash, P.A. Suchetan, K.M.Mahadevan, V.P.Vaidya, D.Velumurugan and B.S.Palakshamurthy
Octacrytallographica Section E **2012** ISSN 1600-5368
123. Ethyl 5-bromonaphtho[2,1-*b*]furan-2- carboxylate
M. Shet Prakash, P. A. Suchetan, **K. M. Mahadevan**, V. P. Vaidya, D. Velumurgan and B. S. Palakshamurthy.
Acta Cryst. **2012**, E68, o2114.
Impact factor: 0.35

124. 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, 177-182.
Impact factor: Not available
125. Synthesis, Characterization and antimicrobial studies of noval *N*-substituted naphthofuran carboxamides.
Shet Prakash M, V. P. Vaidya , **K.M. Mahadevan** , M.K. Shivananda and G. R Vijaya Kumar. *Journal of Pharmaceutical Science and Technology*. **2011**, 3, 996-1002.
Impact factor: 0.81
126. 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, 890–895.
Impact factor: 1.750
127. 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**, and Suneel Naik..
International Journal of Chemical Engineering and Applications, **2011**, 2, 294-248.
Impact factor: 0.94
128. 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, 155-160.
Impact factor: 0.5
129. 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, 334-342.
Impact factor: 0.36
130. 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.
Impact factor: 0.40
131. 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

132. Synthesis of New Benzocoumaryl Oxadiazolylys 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
133. 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
134. 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, 11-15.
Impact factor: Not available
135. 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
136. 3-(2-Bromoacetyl)-6-fluoro-2Hchromen-2-one.
H. N. Harishkumar, Sudarshan Mahapatra, K. N. Venugopala and **Kittappa M. Mahadevan**
Acta Cryst. **2011**. E67, 02264.
Impact factor: 0.41
137. 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**, 2, 294-298.
Impact factor: Not available
138. 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, 26-32.
Impact factor: 0.5

139. Aqueous synthesis of coumarins using Tetramethylammonium hydroxide as surfactants
Rajasha, H. C. Kiran Kumar, H. S. Bhojya Naik, **Kittappa. M. Mahadevan**.
Org. Chem.: Indian J. **2011**, 7, 365-368.
Impact factor: 0.52
140. Environmental friendly synthesis of bis(indolyl)methanes catalyzed by nitro phthalic acids
A. Sudhakara, H. Jayadevappa, **K.M. Mahadevan**
Org. Chem.: Indian J. 7, **2011**, 290-296.
Impact factor: 0.64
141. 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, 301-305.
Impact factor: 0.94
142. 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
143. 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, 839-846.
Impact factor: Not available
144. 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**, 7, 290-296.
Impact factor: Not available
145. 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, 228-235.
Impact factor: 0.58

146. Antimony (III) sulphate catalysed one pot synthesis of 1, 8-dioxo-octahydroxanthones H. C. Kiran Kumar, Jagadeeshwara, P. Prabhakara Varma, **Kittappa M. Mahadevan**.
Org. Chem.: Indian J., **2011**, 7.
Impact factor: 0.58
147. Cardioprotective effect of *Argyrea speciosa* (Burm. f) Boj. extracts against Isoproterenol- induced myocardial infarction in rats.
Thakker, Shalin; Biradar, S.M.; Habbu, P.V.; **Mahadevan, K.M.**; Thippeswamy, B.S.; Veerapur, V.P.
Oriental Pharmacy and Experimental Medicine. **2010**, 10, 278-287.
Impact factor: 0.20
148. Isolation and characterization of secondary metabolite from *Amorphophallus paeoniifolius* for hepatoprotective activity.
Sharstry, R. A.; Biradar, S. M.; **Mahadevan, K. M.**; Habbu, P. V.
Research Journal of Pharmaceutical, Biological and Chemical Sciences. **2010**, 1, 429-437.
Impact factor: Not available
149. Ethyl 3-oxo-3H-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, 02658.
Impact factor: 0.41
150. 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
151. Anti-amnesic potentiality of *Argyrea 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, 83-89.
Impact factor: 0.95
152. Antidiabetic activity of *Argyrea 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, 1-13.
Impact factor: 0.20

153. 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
154. 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
155. 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: Not available
156. Adaptogenic and *in-vitro* antioxidant activity of flavonoids and other fractions of *Argyrea 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
157. A Convenient synthesis of 2(2-benzo[b]furo)indoles and benzofuropyrazoles.
B. C. Goudarshivananavar, H. Jayadevappa, and **K. M. Mahadevan**
Indian J. Chem. B., **2009**, *48B*, 1419-1423.
Impact factor: 0.368
158. 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
159. 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: Not available

160. Synthesis of some naphtho [2,1-b] furo [3,2-d] pyrimidines, naphtho [2,1-b] furo [3',2':4,5] pyrimido [1,2-b] benzo (d) thiazole and their antimicrobial activity
Rajashekhar, H. Ramesh, D. Chandrashekhar, C. **Mahadevan, K.M.** Vaidya, V.P.
Indian Journal of Heterocyclic Chemistry; **2009**, 18, 3; 205-210.
Impact factor: 0.29
161. 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
162. 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
163. 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
164. 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, 1-12.
Impact factor: 2.99
165. Antimicrobial activity of flavanoid sulphates and other fractions of *Argyrea 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
166. 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
167. 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

168. 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
169. Phytoplankton as index of water quality with reference to industrial pollution
T.R. Shashi Shekhar , B.R.Kiran , E.T. Puttaiah , Y. Shivaraj and **K.M. Mahadevan**
Journal of Environmental Biology, **2008**, 29, 233-236
Impact factor: 0.56
170. Synthesis and activity evaluation of 2-(1-naphtho[2,1- *b*]furan-2-yl-carbonyl)-3,5-disubstituted-2,3-dihydro-1*H*-pyrazoles.
M.N. Kumaraswamy, C. Chandrashekhar, H. Shivakumar, D.A. Prathima Mathias,
K.M. Mahadevan, V.P. Vaidya.
Indian J Pharma Sci., **2008**, 70, 715-720.
Impact factor: 0.56
171. 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
172. 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
173. 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
174. 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
175. 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

176. Hepatoprotective and Antioxidant potential of corm of *Amorphophallus paeoniifolius* (Denst) in rats,
R.A.Shastry, **K.M. Mahadevan**, P.V. Habbu, Hanumanthachar Joshi and S. K. Das,
Nat. Prod.: Indian J., **2008**, 4, 55-60.
Impact factor: Not available
177. 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
178. 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, 2211-2217.
Impact factor: 1.01
179. 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
180. 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, 30-37.
Impact factor: 3
181. Hepatoprotective and Antioxidant Effects of *Argyreia Speciosa* in Rats.
P.V. Habbu, R.A. Shastry, **K. M. Mahadevan**, Hanumanthachar Joshi, S.K. Das.
Afr J Tradit Complem., **2008**, 5, 158–164.
Impact factor: 0.60
182. 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**, 6.
Impact factor: 1.68
183. 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: 1.02
184. 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
185. 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
186. Synthesis of 2-(3-nitronaphtho [2, 1-b] furan-2-yl)-5-substituted-1, 3, 4-oxadiazoles and their biological activities.
H. Rajashekara, D. Ramesh, C. Chandrashekar, K. M. Mahadevan and V.P. Vaidya.
Indian J. Heterocycl. Chem., 2007, 16, 353-356.
Impact factor: 0.244
187. 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
188. 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
189. *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
190. 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, 72-82.
Impact factor: 2.020
191. 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, 1-5.
Impact factor: 0.27
192. 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, 65-68.
Impact factor: 2.73
193. 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
194. 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, 153-159.
Impact factor: 2.73
195. 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, 768-768.
Impact factor: 0.52
196. 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, 73-77.
Impact factor: 2.30
197. 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
198. 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

199. 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, 53-59.

Impact factor: 0.606

200. 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, 267-274.

Impact factor: 0.745

201. 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: 2.73

202. Dimensional stability and photostability of octanoylated wood.

G. K. Prakesh, K. Krishna Pandey, K. D. Ritesh Ram and **K. M. Mahadevan**.

Holzforchung, **2006**, 60, 539-542.

Impact factor: 0.81

203. 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

204. Synthesis of novel 2-aryl-2,3-dihydro-naphtho[2,1-*b*]furo[3,2-*b*]pyridine-4(1*H*)-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

205. 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, 269-274.

Impact factor: 0.43

206. 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, 776–781.
Impact factor: 0.431
207. 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, 1-6.
Impact factor: 2.38
208. 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- 343.
Impact factor: 0.43
209. 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, 809-814.
Impact factor: 0.55
210. 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
211. Rediscovered Synthesis of 3-cyanoquinoline derivatives.
B.M. Kiran and **K.M. Mahadevan**.
Heterocycl. Commun., **2006**, 12, 481-484.
Impact factor: 0.473
212. Synthesis of Naphtho [2,1-b]furopyrazoles as Antimicrobial agents.
G.K. Nagaraja, M.N. Kumaraswamy and **K.M. Mahadevan**
Indian J. Heterocycl. Chem., **2006**, 16, 89-90
Impact factor: 0.244
213. 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

214. 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
215. 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
216. 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
217. 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
218. 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, 9.
Impact factor: 0.23
219. 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, 461.
Impact factor: 0.23
220. 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, 385.
Impact factor: 0.23

221. Synthesis of Novel Naphtho [2,1-*B*] Furo-Pyrazolyl, Isoxazolyl and Pyrimdyl 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, 789-793.
Impact factor: 0.368
222. 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., **2006**, 37, 2155.
Impact factor: 0.368
223. 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, 373-379.
Impact factor: 0.57
224. 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**, 44B, 1446-1451.
Impact factor: 0.368
225. 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, 1537-1543.
Impact factor: 0.368
226. 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, 128-134.
Impact factor: Not available
227. 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
228. 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

229. 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

230. Studies in Naphthofurans: Part IV-Synthesis of Some 2-Isoxazolyl, Pyrazolyl, Pyrimidyl and Quinolinylnaptho[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: Not available

Papers Presented in Conference / Seminars

1. Synthesis and Photoluminescence Property of Novel bis 2-[(4-butylphenyl)imino]methyl-4-nitrophenol Zn(II)complex: Identification of an Efficient Orange Red Light Emitting OLED. R. Srinivas, T.O. Shrunghesh Kumar, Nagbhushan, Vijay kumara, **K. M. Mahadevan**, K. S. Rangappa and M. N. Kumara. UGC sponsored national level seminar on Emerging Trends in Analytical Techniques(ETAT-2016) on march 28-26, 2016, organized by the Government Science College, Hassan, Karnataka
2. Crystal structure of 2-[(2-fluorophenyl)(1H-indol-3-yl)methyl]-1H-indole. R. Anil Kumar, S. Naveen, T. O. Shrunghesh Kumar, **K. M. Mahadevan**, M. N. Kumara and N. K. Lokanath. UGC sponsored national level seminar on Emerging Trends in Analytical Techniques(ETAT-2016) on march 28-26, 2016, organized by the Government Science College, Hassan, Karnataka
3. Synthesis and Molecular Docking Studies of 2-Aryl/Heteroaryl-Ethyl 6-Chloroquinoline-4-Carboxylates as Antimalarial Agents. T. O. Shrunghesh Kumar, **K. M. Mahadevan**, P. S. Sujana Ganapathy and M. N. Kumara. UGC sponsored national level seminar on Emerging Trends in Analytical Techniques(ETAT-2016) on march 28-26, 2016, organized by the Government Science College, Hassan, Karnataka
4. Melamine: an anode material for aqueous rechargeable lithium ion batteries. Vijeth Rajshekar Shetty, G.S.Suresh, **K.M.Mahadevan**. UGC sponsored national level seminar on Emerging Trends in Analytical Techniques(ETAT-2016) on march 28-26, 2016, organized by the Government Science College, Hassan, Karnataka
5. Rapid synthesis and Enzyme inhibition study by molecular docking of Cis-2-methyl-4-azepan-2-one-1,2,3,4- tetrahydroquinolines with aresyltransferase receptor protein. T. O. Shrunghesh kumar, **K. M. Mahadevan**, B. G. Harish. National conference on Advanced Nanotechnology and its applications January 22-23, 2015. Organised by Department of chemistry, Maharani's Science College for Women, Bangalore.
6. Synthesis and Molecular Docking Study of 2-Aryl/Heteroaryl-6-Chloro-Quinoline-4-Carboxylates with Plasmodium LDH Protein Receptor. T. O. Shrunghesh kumar, **K. M. Mahadevan**, P. S. Sujanganapathy, M. N. Kumara. National conference on Pure and applied chemistry December 29-31, 2014. Organised by Department of Studies in Chemistry University of Mysore, Manasagangotri Mysuru,
7. Toxicity and molecular docking studies of tetrahydroquinolines against microbial, Cancer, retinoic, acid receptor inflammatory, cholesterol ester transferases and parasitic protein receptors". Pradeep P. S., **K. M. Mahadevan**, Kiran Kumar H. Jagdeesh N. M. Prashantha Nagaraja. National conference on Pure and applied chemistry December 29-31, 2014. Organised by Department of Studies in Chemistry University of Mysore, Manasagangotri Mysuru

8. Presented paper entitled "Synthesis and Molecular Docking Study of 2-Aryl/Heteroaryl-6-Chloroquinoline-4-Carboxylic Acids with Plasmodium LDH Protein Receptor. Shrungheskuma T. O., **K. M. Mahadevan**, Sujanganapathy P. S. M.N. Kumara International conference on Second annual international conference and industry – CCRS congress (ICC-2014) December 13-14, 2014 organized by the Coastal Chemical Research Society (CCRS) & Mrs. A.V.N. College, Visakhapatnam, Andhra Pradesh.
9. Mild, Efficient Fischer Indole synthesis using 2,4,6-trichloro-1,3,5-Triazine (TCT). E. Siddalingamurthy, **Kittappa M. Mahadevan**, Jagadeesh N M, H N Harishkumar. International conference on Emerging Trends in Chemical Sciences. December 5-7th, 2013. Organized by Chemistry Division, School of Advanced Sciences, VIT University, Vellore.
10. Synthesis and Cytotoxic studies of 2,3-dimethylindoles and Tetrahydrocarbazoles. T. O. Shrunghesh Kumar, **Kittappa M. Mahadevan**, and Eranna Siddalingamurthy International conference on Emerging Trends in Chemical Sciences. December 5-7th, 2013. Organized by Chemistry Division, School of Advanced Sciences, VIT University, Vellore.
11. 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
12. 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
13. 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
14. 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
15. 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

16. 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).
17. 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.
18. Facile one pot synthesis of 2-(1,3-benzoxazol/benzothiazol/benzoimidazole-2-yl)-3H-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
19. 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
20. 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.
21. 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.
22. 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.
23. 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.
24. TLC bioautographymethod to determine the antimicrobial potency of 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.

25. TLC bioautographymethod 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.

34. 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.

44. Antibacterial, Antifungal and Antitubercular Activity of *Argyreia Speciosa*. P.V Habbu, R. A. Shastry, **K. M Mahadevan**, J.P Patil. and V. H. Kulkarni. 59th Indian Pharmaceutical Congress **2007**.
45. 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**.
46. Hepatoprotective Activity of *Argyreia 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**.
47. 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**.
48. 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**.
49. 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**
50. 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**.
51. 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**.
52. 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**.

53. 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**.
54. 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**.
55. 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**.
56. 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**.
57. 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**.
58. 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**.
59. 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**.
60. 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**.
61. 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**.

62. 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**.
63. 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**.
64. 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.
65. 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**.
66. 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**.
67. 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**.
68. 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**.
69. 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**.
70. 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**.
71. Anthelmintic Activity of the Fruits of *Balanities Roxburghii*. Basavaraj Padmashali, **K.M. Mahadevan** and V.P. Vaidya 20th Annual Conference of Indian Council of Chemist, Mysore, 22 to 24th December **2001**.
72. 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**.

Memberships of University Bodies/other organizations

Sl. No	University/ Organization/Institute Body	Nature of Association	Period
01	Bio-Organic and Applied Material Pvt. Ltd., Bangalore	Honorary Consultant	2005 to till date
02	Suman Laboratories Keerthi Nagar 2 nd Cross Shivamogga	Honorary Consultant	2014 to till date
03	Azyme Bioscience Pvt.Ltd., Jayanagar, Bangalore	Honorary Consultant	2013 to till date
04	The Open Catalysis Journal” <i>Bentham Open</i>	Editorial Advisory Board Member	2009 to till date
05	Indian Council of Chemistry	Indian Council of Chemist	2002 to till date
06	Kuvempu University	Kuvempu University Teachers association (KUTA)	Life Member

Administrative Experience

Sl. No	Position	Organization	Duration	Responsibilities
01	Director	P.G. Centre Kadur Kuvempu University	2012-2015 2016-till date	Administration
02	Chairman	BOE, PG studies in Chemistry Kuvempu University	2014-till date	Conducting Examinations
03	Chairman	BOE, PG Studies in Pharmaceutical Chemistry Kuvempu University	2013-2014	Conducting Examinations
04	Faculty Advisor	Kuvempu University	2006-2008	P.G. Hostel-Administration
05	Scientific Advisor	Bio-Organic and Applied Material Pvt. Ltd., Bangalore	2005-till date	Scientific Adviser
06	Scientific Advisor	Suman	2014 to till	Scientific Advisor

		Laboratories Keerthi Nagar 2 nd Cross Shivamogga	date	
07	Scientific Advisor	Azyme Bioscience Pvt.Ltd., Jayanagar, Bangalore	2013 to till date	Scientific Advisor
08	Coordinator for Distance Education	Kuvempu University	2006-2008	Distance Education. P.G. Chemistry. Examination Work In charge