



Sl.No.	Name	Dr. Mahadevaiah
1	Date of Birth	01/06/1969
2	Educational Qualification	M.Sc.,B.Ed.,Ph.D
3	Designation	Professor
4	Address for communication	Department of Sugar Technology, University of Mysore, Sir. M Visvesvaray Post Graduate Centre, Mnadya-571402, INDIA Mobile number: 9972165935 Office Phone: 0232-291112
5	Teaching experience	23 years, In the Dept. of Sugar Technology
6	Area of Specialization in the field of Research	Sugarcane Juice Clarification And Development of Analytical Methods
7	Research experience	20 years

Number of M.Sc Dissertation work guided- 12

Ph.D Awarded-02

2. Educational Qualification.

Serial Number	Degree / Qualifications	College /university	Subject Studied	Year
1	B.Sc	Mysore	PCM	1994
2	M.Sc	Mysore	Sugar Technology	1997
3	SLET	Mysore	Sugar Technology	1998
4	Ph.D	Mysore	Chemistry	2007

3. Academic and Administrative Experiences;

SL.No.	Academic Bodies	Subject	Chairman/ Member	Year
1	Admission committee	Sugar Technology	Member	2005 to till to date
2	BOE	Sugar Technology	Member	2005 to till to date
3	CBCS and CAGP	Sugar Technology	Coordinator	2010 to till to date
4			for M.A Exams	November 2011

	Chief superintendent	Mysore	(Outreach programme)	
5	K SET Exam	Mangalore	University Observer	2012
6	PG Entrance Exam-2014 and , 2016 2017, 2022	University of Mysore	Deputy Chief Superintendent	23-07-2104 to 27-07-2014 28/10/2022 to 31/10/2022
7	Ph.D Course Work Exam-2014	University of Mysore	Deputy Chief Superintendent	11-10-2014
8	BOE	Sugar Technology	Chairman	2007-08, 2013-14 2020-21
9	Course Co - Ordinator	Sugar Technology	Course Co -Ordinator	2012 to 2014, 9/8/2022 to till date
10	Course Co - Ordinator	Mathematics	Course Co-Ordinator	Feb 2017 to 19/02/2020
11	Course Co - Ordinator	Physics	Course Co- Ordinator	20-02-2018 to 02/05/2018
12	BOS	Sugar Technology	Member	2007-10, 2012-2015, 2016-to till to date
13	BOS Chairman	Sugar Technology	chairman	21/06/2022 to till date
14	Consulting Editor	Sugar Tech Journal	Consulting Editor	2014-15
15				

4. Orientation Course and Refresher Programme attended

Course Attended	From - To	Grade awarded	Organized by UGC -Academic
Orientation Course	01-08-2002 to 29-08-2002	A	UGC Academic Staff College, UOM, Mysore.
Refresher course	10-10-2003 to 30-10-2003	A	UGC Academic Staff College, UOM, Mysore.
Refresher course	01-03-2010 to 21-03-2010	A	UGC Academic Staff College, UOM, Mysore.
Refresher course	15-06-2011 to 05-07-2011	A	UGC Academic Staff College, UOM, Mysore.
Refresher course	11-12-2012 to 31-12-2012	A	UGC Academic Staff College, UOM, Mysore.

5. Membership to professional organization/Associations

Sl.No	Name of the Association/Organizations	Life member/Ordinary member
1	SOUTH INDIAN SUGAR CANE AND SUGAR TECHNOLOGIST ASSOCIATION	Life member

6. Conference organised as convener

One day Joint seminar organised with SISSTA and Dept. of sugar Technology, University of Mysore on **25th Jan.2014** at Senate Bhavan University of Mysore, Mysore.

RESEARCH PAPERS PUBLISHED

1. **Mahadevaiah**, G.Nagendrappa Spectrophotometric determination of iron in sugarcane leaves and sugar house products by two common complexing agents. *J.Saudi. Chem. Soc*, 2005, 9(2), pp211-224.
2. **Mahadevaiah**, Mansour S Abdul Galil, M.S.Yogendra Kumar, M.S.Suresha, G. Nagendrappa A spectrohotometric method for the determination of Determination of hydrogen sulphide in sugar cane juices. *J.Saudi. Chem. Soc*, 2006. Vol.1No.1 pp 9-14.
3. M.S.Suresha, Mansour S.Abdul Galil, M.D.Gowtah, **Mahadevaiah**, G.Nagendrappa Spectrophotometric determination of fluoride in drinking water and waste water. *J. Saudi. Chem. soc*. 2006, 10, 219.
4. M.S.Yogendrakumar, M.D.Gowtham, **Mahadevaiah**, G. Nagendrappa. A simple titrimetric method and spectrophotometric method for the determination of sulfur dioxide. *Analytical Sciences*, 2006, Vol.22, pp757-761.
5. **Mahadevaiah**, Mansour S.Abdul Galil, M.S.Yogendra Kumar, M.A.Sathish, M.S.Suresha, G.Nagendrappa. Exploitation of a simple redox reaction between Manganese(III) and o-tolidine for high sensitive spectrophotometric determination of Ascorbic acid. *Analytical Chemistry-An Indian journal* 2007, Vol.6, No.2, pp-70-74.
6. **Mahadevaiah**, M.S.Yogendrakumar, Mansour S.Abdul Galil, M.A.Sathish, M.S.Suresha, G.Nagendrappa. A simple spectrophotometric method for the determination of phosphate in sugarcane juice, detergents and water samples. *E.J. Chemistry* 2007, Vol. No. 4, pp 467-473.
7. M.A.Sathish, Mansour S.Abdul, **Mahadevaiah**, G.Nagendrappa, "Synthesis and characterization of lignocaine associated Sn(IV)-Cd(II), Sn(IV)-Fe(III) and Sn(IV)-Ni(II) hetrobimetal complexes" *ICIJ*, 2(3), 2007, pp145-151.
8. **Mahadevaiah**, M.S.Yogendrakumar, Mansour S. Abdul Galil, M.A.Sathish, M.S.Suresha, G.Nagendrappa Simple spectrophotometric method for Determination of sulfur dioxide by its decolorizing effect on perxovandate complex. *J. Analytical chemistry* 2008, Vol.63, No.3 pp239-243.
9. M.S.Suresha, Mansour S.Abdul, **Mahadevaiah**, G.Nagendrappa A new spectrophotometric method for hydrogen sulphide through electrolytically genetrated Mn(III) with o-tolidine. *E.J. Chemistry* 2008, Vol.5, No. 1, pp93-99.
10. Mansour S, Abudul Galil, **Mahadevaiah**, M.S.Yogendrakumar, G.Nagendrappa. A simple and rapid spectrophotometric method for the determination of nitrite of its decolorizing effect on peroxovanadate complex. *Spectrochemica Acta part- A*, 2004. vol. 67, p76.
11. Mansour S.Abdul Galil, **Mahadevaiah**, M.S.Yogendrakumar, G.Nagendrappa. A comprehensive study on nucleophilic coupling reaction between catechol and p-anisidine or p-chloroaniline with iron(III) and its exploitation for the spectrophotometric determination of iron as iron(III) in pharmaceutical preparations, sugar cane juice and in some common chemicals. *J. of Saudi chem.Soc*. 2008.

12. C.Vijayabhaskar, **Mahadevaiah**, G.Nagendrappa. Assessment of irrigation water quality paramètres of certain tanks located around Tumkur. Karnataka. *Ind.J. Environ. and Ecoplan 2008, Vol.15 No.1-2, pp 105-110.*
13. M.D Goutham, Mansour Said Galil, **Mahadevaiah** and G.Nagendrappa, A simple spectrophotometric method for the determination of cerium(IV) and phenothiznes through the exploitation of their redox coupled ion-pair complexes.*J.Saudi Chem.Soc. Vol.12 No.3 pp293-306, 2008.*
14. M.A.Sathish, M.S.Yogendrakumar, Mansour Said Galil, **Mahadevaiah**, B.Shyla, C,vijyabhaskar and G,Nagendrappa. Spectrophotometric determination of benzidine present in pure sample and and in industrial effluents *Analytical Chemistry an Indian Journal , ACAIJ, Vol.8(1) ,pp 70-76, 2009.*
15. **Mahadevaiah** and Manohar M. P. Colour development during storage of sulphited syrup in pan supply tanks. *Sugar Tech Vol.11(4) , , pp 398-400, 2009.*
16. B Shyla, **Mahadevaiah** and Nagendrappa G. A simple spectrophotometric method for the determination of phosphate in soil, detergents, water, bone and food samples through the formation of phosphomolybdate complex followed by its reduction with thiourea. *Spectrochemica Acta Part A Vol.78,497-502, 2011.*
17. **Mahadevaiah** and M Ansari Dezfuly “ Studies on effective of flocculants on stale cane juice settling. *International Journal of Recent Scientific Research, Vol.4, Issue 2, pp151-153, Feb. 2013.*
18. **Mahadevaiah**, M. Ansari Dezfuly and T Demappa “A Study on the Burnt cane juice clarification by different calrificants” *International Journal of Scientific Research. Vol.2, Issue7, July 2013 pp487-489.*
19. Masih Ansari Dezfuly, **Mahadevaiah** and T Demappa “Effective of different Flocculants on Fresh and stale sugarcane Juice clarification” *Research Journal of recent Sciences Vol.2(7). 1-8, July 2013.*
20. **Mahadevaiah & Manhoar M P** Sustainable sugar production in India adaption of sustainability policy. *Cooperative Sugar Vol.44, No.8 Pp35-40 April 2013.*
21. **Mahadevaiah**, M. Ansari Dezfuly and T Demappa “Effective of Natural flocculants on sugarcane juice calrification- A comparative study”*Asian J.Research Chem.69 August.2013.*
22. M P Manohar, M A Harish Nayaka and **Mahadevaiah** “Studies on phenoloic contents and polyphenols oxidase activity of sugarcane varieties with reference to sugar processing” *Sugar Tech Journal 16(4):385-39, Oct-Dec 2014*
23. **Mahadevaiah** and Shanmugam V M “Isolation and characterization of potent poly 3-hydroxybutyrate(PHB) producing bacteria from various environmental sample collection locality **Bangaluru**”. *International Daily Journal for species, 28th Jan.2015. National.*
24. Lava Chikkappaiah, Harish Nayaka M A, **Mahadevaiah**, Venkatesh K S and Dinesh Kumar (2017). Properties of spray dried liquid jaggery powder prepared using plant mucilage clarificants. *International Research Journal of Biological Sciences, 6, 1-7.*

25. Lava Chikkappaiah, Harish Nayaka M A, Mahadevaiah and Prashanth Kumar G M (2017). Preparation of plant mucilage clarificants and their effect on jaggery processing of sugarcane variety Co 86032. *International Journal of Pharmacy and Pharmaceutical Sciences*, 9, 32-36.
26. Mahadevaiah "Sakkare Tayarisuva Vidahana" *Vijana Karnataka Volume 44-49, 2022*

Conferences /seminar/workshop Attended

1. Qualitative analysis of flocculants in clarification process by varying time": 33rd Annual Convention: south Indian Sugarcane and Sugar Technologist's Association (SSISTA), held at *Chennai, 1st & 2nd Oct – 2001*.
2. "Measures to reduce the cost of production in an old sugar factory" One day state level seminar "Latest Developments on continuous and Measures to improve Profits in Sugar Industry" held at D.O.S in Sugar Technology, Sir.M.V.PG center, University of Mysore, *Mandya. 20th April 2001*.
3. National Seminar on "ISO Quality System and TQM, WCM for Sugar Industry" Organized by D.O.S in Sugar Technology, Sir.M.V.PG center, University of Mysore, *Mandya. 26th June 2002*.
4. National symposium on "Bio Organic and Medicinal Chemistry (NSBM)", 2005). Organized by University of Mysore and UGC at DOS in Chemistry, Manasagangotri, *Mysore. October 5-7 2005*
5. Spectrophotometric determination of Iron(III) in sugarcane leaves and sugar house products with a common complexing agent. **Mahadevaiah**, Mansour S.Abdul Galil, M.S.Yogendra Kumar. Poster presentation, *PAC-10, FIC -2006, CUSAT, Cochin, Kerala*.
6. Two Days National workshop on Roof top Rainwater Harvesting and Ground water Recharge Organized by Dept. of Studies in Geology, *University of Mysore 20th & 21st February 2009*.
7. Two days National Seminar on "Social Forestry, Environmental protection and Economic Development" Organized by Dept. of Economics, University of Mysore, Sir M.V.PG. Centre, Tubinake, Mandya . *19-20 March 2009*.
8. All India one day joint seminar organized by STAI and SISSTA on Processing of Raw Sugar in Sulphitation Factories During off Campaign Period at *The Chancery Pavilion, Banglore. 17th April 2010*.
9. Two Days National Symposium on Frontier in Chemical Science and Nanotechnology, Organized by The Dept. of Industrial Chemistry, Kuvempu University, *Shimogga on 1st&2 May 2010.paper presented*
10. One day work shop on "Extraction isolation and characterization of bioactive molecules" Organized by **Institute of Excellence (Dept. of Bio Technology) University of Mysore on 13th July /2010**.

11. One day National workshop on Recent Trends of Research in Atomic Minerals, organized by the Dept. of Geology, University of Mysore, Manasagangotri, **Mysore on 27th July 2010.**
12. **Two** days national conference on The Emerging Areas in Chemistry NACEAC-2009, organized by The Department of studies in Chemistry, **University of Mysore, Mysore, on 31st July 2009& 01st August 2009. Oral presentation.**
13. Sixth Kannada Science Congress, organized by Swadeshi Vignana Andolana-Karnataka, **Bangalore-24 on 15th -17th September 2010**, Paper presented entitled “Co-generation in Karnataka”.
14. Two days National conference on “Ethno-Historical Development of De-notified Tribes(DNTs): issue and Prospects. Organized by CSSEIP, **University of Mysore, on 23rd and 24th December 2010.**
15. The sixth international Multi disciplinary conference: knowledge in New-millennium organized by U.I.S.I.A at **The Pai Vista Mysore, on 14th &15th January 2011.**
16. Academy’s third conference organised by **Karnatka science and Technology Academy and University of Mysore, Mysore from 15th-16th Feb. 2011.**
17. Two day national Conference on Women and Work towards economic growth organised by Centre for studyof socially exclsion and inclusive policy, **UOM on21&22 March 2011 at EMMRC, Mansagsngotri, Mysorre.**
18. **5th National conference on plastic and rubber technology, organized by the Dept. of Polymer Science and technology, SJCE, Mysore from 25th April 2011 to 26th April 2011.paper presented** “Application Of Synthesised Polyacrylamide For Sugarcane Juice Clarification.
19. International conference on synthetic and structural chemistry Organised by Department of studies in chemistry, Mangalore University, Mangalore, from **8th -10th December 2011**, paper presented “Studies On The Charecterisation And Performance Of Synthesied Flocculant”
20. One day state level seminar on “Problems and prospects of Dalit’s in higher education” held on **7th October 2011**, organised by Mysore University SC/ST Employee’s Association (regd), Mysore-05.
21. 42 Annual Convention Organised By SISSTA In Banglore From **24TH & 25th August 2012.**
22. Two day international lecture series on “BIO-PROSPECTING FOR SUSTASINABLE DEVELOPMENT” organised by the institute of excellence held on **29th -30th November 2012.**
23. Prof. Bisilaiah Endowment Lecture on “*Food Security in India: Emerging Challenges*” delivered by **Prof. Chaya K Degaonkar** Organised by Dept. of Economics, MGM And Sir M V PG Centre, Mandya on **19th Feb.2013**
24. One day state level workshop on “Instrumental techniques in chemical Analysis” organised by Maharani’s Science college for women, Mysore and Karnataka Science and Technology Academy, Bangalore, Govt of Karnataka held on **26th February 2013.**
25. Three days workshop on “Handling of Scientific Equipment –IOE held during 18th-20th August 2104 at Vijnana Bhavana, Mansagangotri, Mysore.

26. Executive committee member for 10th Kannada vijnana sammelana during 15-17 Sept.2014 in Mysore.
27. Two days national seminar on Trends of modernization-princely state of mysore:181-1947 organised by the Dept. of studies in History PG centre Mandya on 29th& 30th May-2014.
28. Seminar on Management of Urban Bio diverse issues, challenges and solution **MUBICS 2014 organised by Jyothinivas College for women, Bangaluru.**
29. UGC sponsored one day national conference on Frontier Ares in Chemical science-2015 held on **10th January 2015**, organised by Bahrathi Education Trust Bharati college, Bharatinagara, Maddur Tq Mandya Dist. Research Paper Presented.
30. Three day International conference on “Climate change- Inconvenient truths status and way forward organised by St Philomena’s college(Autonomous) Mysuru from **April9-11 2015.**
31. One day national seminar on Chemistry and chemical biology held on **26th May 2015** on the occasion of Prof. K S Rangappa’s 60th birthday at Shri Nalavadi Krishnaraja wodeyar Auditorium, University of Mysore, Mysore. Organised by Distinguished Scientist IISc ,Bengaluru
32. 103 rd Indian Science congresses held at university of Mysore, Mysuru from **3-7 January 2016.** Organised by the Indian Science congress Association, Membership Number-9887.
33. Two day National conference on Emerging Trends in Chemistry (NCETC-2016) organised by St. Philomena’s college (Autonomous) Mysuru from **11-12th March 2016.**
34. UGC sponsored one week workshop on ICT organised by UGC-Human resource development centre, Mansagangotri, Mysuru.
35. One day Training Programme on “Efficient Utilisation of Juice Heater and Evaporator” organised jointly by S.Nijalingappa Sugar Institute, Belagavi, And Bharat Ratna Sir M Visvevaraiiah Sugar Cane Research Institute, Mandya on 24th March 2017 at MVSRI Satanur Farm , Acetate Town Mandya.
36. Two day MANDYA DISTRICT 15TH KANNADA SAHITYA SAMMELANA HELD on 23&24 December 2017 at Malavalli and Presented a poem.
37. National conference on “ Biodiversity and Bio-prospecting for sustainable development-2018 organised by Institute of excellence in association with UPE at Vijnana Bhavana, University of Mysore, Manasagangotri, Mysuru, held on 23and 24th February 2018.
38. “International conference on Nano materials and their applications” organised by UGC-CPEPA, UPE and DST-PURSE programmes held at Auditorium, Vijann Bhavan, Mansagangotri, University of Mysore, Mysuru during March 1-2, 2018 . Poster Presentation :PO-84, page number54 Souvenir .
39. “Compendium of Research Articles & Status papers” Organised by ICAR Sugarcane breeding Institute Coimatore At B N Bhadur Institute of Management sciences, Mysore, hosts : M Vivesvaray Sugarcane research Institute Mnadya and NSL sugars Ltd, on 1&2 June 2018.
40. “One day Workshop for Vocational Guidance Officers” held on 16th July 2022 Organised by University Carrier Hub University of Mysore Mansagangotri, Mysuru

41. 50th Golden Jubilee Annual Convention organised by SISSTA at Bangaluru on 1&2 October 2022.

The information mentioned above is true and correct with best of my Knowledge

Dr.Mahadevaiah

Professor Dept. of Sugar Technology,
Sir M Visvevaraya Post Graduate centre,
Mandya-571402