

Profile

Manohar M.P

Asst. Prof of Sugar Technology
Sir M Visvesvaraya P G Centre
Tubinakere, Mandya

Academic Experience & Industrial:

- Working as Asst. Professor of Sugar Technology since November 1999 on permanent basis at Dept. of Sugar Technology, University of Mysore, Sir M Visvesvaraya Post Graduate Centre, Tubinakere, Mandya, Karnataka

Worked as Manufacturing Chemist for 2 years (Nov 1997 - Oct 1999) at

- Bidar S.S.K Ltd, Hallikhed, Bidar, Karnataka
- Dakshina Kannada S.S.K Ltd., Bramhavara, Udupi, Karnataka
- Coromandel Sugars Ltd., K.R Pet, Mandya, Karnataka

Academic Record:

M.Sc in Sugar Technology : Mysore University, May 1997, 73.43%
Dissertation; 'Edible Oil Production by Microbial Process using Cane Sugar Molasses', CFTRI, Mysore

SLET : Qualified in State Level Eligibility Test for Lectureship (Master's Level) – Oct 1997

B.Sc (PCM) : University of Mysore (Yuvaraja's College, Mysore) 1994, 55% (Physics, Chemistry & Mathematics)

Paper Presentation in Seminars, Conferences & Conventions:

1. "A simple colorimetric study of enzymic browning of cane juice and its inhibition during sugar manufacturing" 73rd Annual Convention of STAI, Sept 9-11, 2014, Bangalore
2. "Double Basket Continuous Centrifugal for Low Grade Masecuite Curing" at Joint Seminar of SISSTA & University of Mysore, 25th Jan 2014
3. "Polyphenol Oxidase Enzyme Activity in Sugarcane and its Inhibition under Factory Process Conditions" at 43rd Annual Convention of SISSTA, 26-27th July, 2013, Chennai
4. "Drip Irrigation for Sugarcane Cultivation- a Case Study of Mandya", Joint Seminar of SISSTA & HSSK Ltd, Sankeshwar, Belgaum, 16th Mar 2013

5. "Sustainability in Sugar Production – Need of the Day" at Joint Seminar of SISSTA & SNSI, 19th Jan 2013, Belgaum
6. "Inclusive growth of Sugarcane Farmers through Sustainable Agricultural Practices", at National Conference on 'Inclusive Agricultural Growth in India; Issues & Challenges', University of Mysore, 30 - 31st Jan 2013
7. "Sugarcane polyphenols and their role in color formation in Sugar" at the International Conference on Synthetic & Structural Chemistry, Mangalore University, 8 – 10 Dec 2011
8. "Sakkare Karkhanegalalli Saha - Viduyt Utpadane" at 6th Kannada Vijnyana Sammelana, 15 - 17th Sept 2010, Bangalore
9. "Fall in sugarcane productivity; performance of the sugar factories of Mandya for 2008-09 Season" at State Level Seminar on 'Crisis in Sugar Industry & Farmers Suicide', Bharathi Education Trust, Bharathinagara, Mandya, 9th May 2009
10. "Road side tree felling & its impact on environment", National Conference on 'Social Forestry, Environmental Protection & Economic Development', University of Mysore, 19-20th Mar 2009
11. "Synthesis & Evaluation of Antimicrobial Activity of 1,3,4 – Oxadiazoles", National Conference on Emerging Areas in Chemical & Biological Sciences, Kuvempu University 23-24th Mar 2007
12. "Antioxidant Activity of bound phenolics in bagasse of three sugar cane varieties" at National Conference on 'Chemical Sciences for Industry & Society – Emerging Trends' at Kuvempu University, Shivamogga, 6-8th Jan 2006
13. "Effect of Dextran, Starch & other Polysaccharides on Juice Clarification" at joint seminar of STAI and DSTA, Pune, 30 June 2001
14. "Effect of Air and Iron on the Colour of Sulphited Syrup, SISSTA, 1-2 Oct 2001, Chennai
15. "Profitability through Energy Conservation in Sugar Industry" State Level Seminar, University of Mysore, 20 Apr 2001

Participation in Workshops & Conferences:

1. National Conference on "Food Processing & Packaging – Investment Opportunities in India" organized by Indian Institute of Packaging, Mumbai and Min of Food Processing Industries, GOI, New Delhi on 10th Oct 2014 at Bangalore.
2. National seminar on "Process Options to Produce Sugar for Domestic and Global Requirements" organized by National Sugar Institute, Kanpur and S Nijalingappa Sugar Institute, Belgaum on 8th August 2014, Rotary Bhavan, Mysore
3. Global Skills Enhancement Program conducted by 'Infosys Leadership Institute', INFOSYS, Mysore, 16 – 28 June 2008
4. National Workshop on NMR Spectroscopy – Theory & Applications, Madurai University 28-29th Mar 2008

5. Participated in refresher course on “Recent Trends in Crystal Growth & Applications” held at ‘Crystal Growth Centre, Anna University, Chennai, 5-26 Feb 2003
6. Conference on Sugarcane and Sugar Industry in Karnataka – Aspects, Hurdles, Prospects, Directorate of Sugar, GOK, 15-16 Nov 2000, Mysore
7. Joint Seminar (STAI & SISSTA), Seminar on Raw & Refined Sugar Processing, Bangalore, 17th Apr 2010
8. 42nd SISSTA Convention, Bangalore, 24-25th Aug 2012
9. IX Joint Convention of STAI & SISSTA, Chennai, 19-21 Aug 2010
10. SISSTA Convention, Hyderabad, 22-23 Sept 2000

Publications in National & International Journals:

1. Studies on Phenolic Content and Polyphenol Oxidase Activity of Sugarcane Varieties with reference to Sugar Processing, **Sugar Tech.**, Vol 16, No 4, Elsevier, October-December 2014, pp 385-391
2. Sustainable Sugar Production in India – Adoption of Sustainability Policy (2013), **Coop. Sugar**, Vol. 44 (8)
3. Colour development during storage of Sulphited Syrup in Pan Supply Tanks (2009), **Sugar Tech**, Springer, Vol -11(4)
4. Cytoprotective & antioxidant activity studies of jaggery sugar (2009), **Food Chemistry**, Pub: Elsevier, Vol – 115, pp 113-118
5. Evaluation of antioxidant activity of bound phenolics of sugarcane under *invitro* conditions (2008), **Sugar Tech**, Springer, Vol- 10(4), pp 302-307

Resource Person for Training Programs:

1. Training for technical staff at GEM Sugars Ltd., Kundargi, Bagalkote Dist., 28-9-2010
2. Technical Training Program on Cane Juice Clarification and Evaporation for the Employees of Bagalkote & Bijapura Dist. Sugar Factories at Prabhulingeshwara Sugars, Jamakhandi, 10-6-2011
3. Delivered invited lectures at Colleges on Sugar Manufacturing and on Socio Economic Relevance of Sugar Industry in India
4. Radio Talk on Sugar Processing (Akashvani, Mysore), Panelist for TV-9 channel on Sugarcane Pricing Issues

Organization of Seminar/Conference:

1. One day joint seminar with SISSTA on “Sugar Industry Co-generation – A Sustainable Source of Renewable Energy”, held at University of Mysore, Mysore on 25th Jan 2014

2. National Seminar on “ISO Quality Systems, TQM & WCM for Sugar Industry” held at Dept. of Sugar Tech, P.G.Centre, Mandya on 26th June 2002
3. State Level Seminar on “Latest Development in Continuous Pans & Profit in Sugar Industry” held at Dept of Sugar Tech, P.G.Centre, Mandya, 20th April 2001

Other Relevant Information:

Consultancy:

- Helped Biocon Ltd, Bangalore in implementation of enzyme application for sugar processing
- Provided analytical services to PSSK Ltd, Pandavapura and MSCO Ltd, Mandya

Membership of Professional Bodies:

- Fellow Member - Sugar Technologists' Association of India, New Delhi
- Life Member - South Indian Sugarcane & Sugar Technologists' Association, Chennai

Responsibilities shouldered for the University:

Representation in University Academic Bodies:

- Member of Board of Studies (BOS) in Sugar Technology : 2001, 2003-05, 2009 – 11
- Chairman of Board of Examiners (BOE) in Sugar Technology – 2010, 2014
- Member of Board of Examiners (BOE) in Sugar Technology since 2005 until date
- Dy. Chief Superintendent of P.G Examinations – 2010
- Sports Secretary: 2002- 05 & NSS Coordinator: 2005

Co-curricular Activities: Won medals at district and state level Masters' swimming competitions, Reading Kannada Literature, Holding Student Counseling & Character Building Sessions

Date: 9.12.2014

(Manohar M P)