

Profile of Dr. M. MAHADEVASWAMY - Achievements

1. SEMINARS/ WORKSHOPS/ CONFERENCES ATTENDED

Attended around 35 seminars/ workshops/ conferences (both National and International)

1. Indian Engineering Congress, Institution of Engineers (India), Nagpur Local Centre, Nagpur, Jan. 9-13, 1998.
2. ISTE short-term course on “Non-Conventional Energy Sources”, Conducted by P.E.S. College of Engineering, Mandya, 20th-25th July, 1998.
3. Training course on “Quality System Requirements and Laboratory Accreditation”, Conducted by Central Institute of Plastics and Engineering and Technology, Mysore and NABL, New Delhi, 19th-21st August, 1998.
4. Short-term training programme on “Operation and Maintenance of Industrial Instrumentation Systems”, Conducted by S.J. College of Engineering, Mysore, Sponsored by AICTE, New Delhi, 14th-26th Sept., 1998.
5. Short term course on “ISO-9000- Quality Systems”, University of Roorkee, Roorkee, June/July, 1995.
6. ISTE short-term course on “Measurement, Analysis and Control of Vibration and Noise”, Conducted by S.J. College of Engineering, Mysore, 18th-30th Sept., 1995.
7. 11th National convention of Environmental Engineers, Institution of Engineers (India), University of Roorkee, Roorkee, Nov. 1995.
8. 10th National Convention of Chemical Engineers, Institution of Engineers (India), University of Roorkee, Roorkee, Dec. 1994.
9. Short term course on “Oil Pollution: Monitoring, Prevention and Control” 23rd June - 7th July, 1992, Sponsored by Quality Improvement Programme, University of Roorkee, Roorkee.
10. A Regional Training Programme on “Water Quality Management”, Sponsored by UNESCO, New Delhi, 28th Jan-7th Feb., 1992, S.J. College of Engineering Mysore.
11. A summer school on “Appropriate Technologies for Rural Sanitation”, 16-29 May, 1989, Sponsored by ISTE, Indian Institute of Technology, Kharagpur.
12. A workshop on “Educational Utilization of Indian Standards”, Sponsored by University of Mysore, Mysore, 10-11th Dec., 1988, S.J. College of Engineering, Mysore.
13. A workshop on “Environmental Pollution from Thermal Power Stations and its Control”, 17-18th Nov. 1988, Sponsored by Central Power Research Institute, Bangalore.
14. A summer school on “Water Quality”, Sponsored by ISTE, 9th-22nd May, 1988, S.J. College of Engineering, Mysore.
15. A course on “Computer programming Languages” 16th Feb-9th March, 1987, University of Roorkee, Roorkee.
16. A short term course on “Maintenance of Wastewater Treatment Units”, sponsored by ISTE, 19-29 May, 1986, Indian Institute of Technology, Madras.

17. A short term course on "Water Supply and Sanitation Management", sponsored by WAPCOS and United States Agency for International Development, 29th-Feb, 1986, S.J. College of Engineering, Mysore.
18. Exhibition-cum-seminar on "Ground Water Analysis Around a Distillery Unit", Nov., 1985 sponsored by Karnataka State Council for Science and Technology, J.N.N. College of Engineering, Shimoga.
19. A special programme conducted for Teachers of Engineering college in Karnataka State, on "Competency Based Programme on Methodology of Instruction" 15th Oct.-21st Dec. 1984, conducted by Technical Teachers Training Institute (TTTI), Taramani, Madras.
20. Attended the National conventional meeting for Environmental Engineers, 21st Dec., 1983, Institute of Engineers, Mysore.
21. Exhibition-cum-seminar on "Rammed Earth Walls", sponsored by Karnataka State Council for Science and Technology, 11th – 12th March, 1983, PDA College of Engineering, Gulbarga.
22. Attended a three days workshop on Bio-informatics held between 12-14 August, 2002, at Sir M.V. Institute of Technology, Bangalore.
23. Exhibition-cum-seminar on "Comparative Sorption Kinetic Studies of O-Cresol on Bagasse Fly Ash and Impregnated Bagasse Fly Ashes", sponsored by Karnataka State Council for Science and Technology, 18th – 20th September 2002, Siddaganga Institute of Technology, Tumkur.
24. Attended Faculty Development Workshop on "An Orientation Program for Biotechnology Teachers", held between 4-9 August, 2003, organized by Visvesvaraya Technological University, Belgaum and conducted by Sir M. Visvesvaraya Institute of Technology, Bangalore.
25. Attended the seminar on "Industry Institution Interaction Programme for Polytechnic Under Co-operative Education System", sponsored by All India Council for Technical Education, New Delhi, conducted by JSS Polytechnic, Nanjangud at Sri. Shivarathreeswara Centre, JSS Campus, Bangalore, 24th March, 2004.
26. Exhibition-cum-seminar on "Kinetics and Biodegradation of Chlorophenol(s) by free & Immobilized cell Systems Using Pseudomonas putida Strain", sponsored by Karnataka State Council for Science and Technology, 02 – 03 September 2005, Basaveshwara Engineering College, Bagalkot, Karnataka, India.
27. Exhibition-cum-seminar on "Performance Study of Sequential UASB Reactor for the Treatment of Distillery Spentwash", sponsored by Karnataka State Council for Science and Technology, 02 – 03 September 2005, Basaveshwara Engineering College Bagalkot, Karnataka, India.
28. Exhibition-cum-seminar on "Studies on the Status of Sub-soil and Groundwater around the Municipal Solid Waste Dumped Site in the Taluk Towns of Mysore and Chamarajanagar District", sponsored by Karnataka State Council for Science and Technology, March, 2006.
29. Mahadeva Swamy, M., Pavithra, M. and Sadashiva Murthy, B.M. Development of Analytical Mass Transport Model for the Pollutant Migration in the Sub-surface

- Environment”, ASCE World Environment & Water Resources Congress 2006, held at Hilton Omaha, Omaha, Nebraska,, U.S.A. 21-25 May, 2006.
30. Attended State Level Technical Paper Presentation Contest ‘Technosugar – 2007”, at Indian Society for Technical Education PESCE Chapter(S), P.E.S. College of Engineering, Mandya, 31st May, 2007.
 31. Attended five-days workshop on “Managerial Capacity Building”, conducted by Dr. Ambedkar Institute of Technology, Bangalore in collaboration with ISQT Process and Consulting Services Pvt. Ltd., Bangalore, between 10-14 July, 2007.
 32. National Seminar on **“Applied Groundwater Flow and Contaminant Transport Modelling”** conducted by Schlumberger Water Services, **Waterloo, Canada**, held at Hyderabad, India, (2007).
 33. Nominated from our institute to participate in the training programme on “Management Capacity Enhancement”, held at Indian Institute of Management, Indore, MP, between 16th and 22nd July, 2015.
 34. Participated in the CPCB sponsored training programme on “Recent Trends in Environmental Monitoring & Control Strategies in Petroleum & Petrochemical Industries”, held at Indian Institute of Technology, Roorkee, Uttaranchal, between 26th and 228th November, 2015 (Participation sponsorship by TEQIP).
 35. Participated in TEQIP Sponsored Six days Work-Shop on “Pedagogy of Instructional Design and Delivery System”, held at Sri Jayachamarajendra College of Engineering, Mysuru, between 7th and 12th June, 2016.

International Training Programme/ Conference:

- Participated in the **International Training programme on "Management Development for Senior Urban Public Health Officials"**, to be held at **U.K., France and India** for a period of **five weeks (during June/July, 2001)**, sponsored by Department of International Development (DFID), U.K. and Ministry of Urban Development & Poverty Alleviation, Govt. of India.
- Presented a Technical Paper on **“Kinetics and Biodegradation of Phenol”** in the **IWA International Conference on “Environmental Biotechnology: Advancement on Water and Wastewater Application in the Tropics”** 9-10 Dec, 2003, **University Technology, Kuala Lumpur, Malaysia**.
- Presented two Technical Paper entitled:
 - a) **Multi-component Fate and Transport of Pollutants in the Agricultural Sub-Soil-Development and Validation of the Analytical Model**, Securing Groundwater Quality in Urban and Industrial Environments”, Organized by Land and Water Centre for Environment and Life Sciences, **Fremantle, Western Australia**, 2–7 December, 2007.
 - b) **Application of Sensitive Analysis – A one Dimensional Analytical Model for the Parameter Estimation for Describing the Behavior of the Sensitivities in Time and Space**, Securing groundwater Quality in Urban and Industrial Environments”, Organized by Land and Water Centre for Environment and Life Sciences, **Fremantle, Western Australia**, 2–7 December, 2007.

- Presented two technical papers at **ASCE World Environment & Water Resources Congress 2006**, held at Hilton Omaha, Omaha, Nebraska,, U.S.A. 21-25 May, 2006.
- Visited **Nayang University, Singapore**, to discuss about Research and Developmental Activities during May, 2003.
- Visited **University of Toronto, Toronto, Canada**, to discuss about Research and Developmental Activities during May, 2006.
- Visited **University of South Australia, Adelaide, Australia**, to discuss about Research and Developmental Activities during December, 2007.
- Delivered a delivering plenary lecture at BIT's 2nd Annual World Congress of Environmental Biotechnology – 2012 (WCEB – 2012), held at Taiyuan, China, between 24th and 26th September, 2012.

2. REVIEWER

- Technical Paper entitled “Fate of Persulfate in Uncontaminated Aquifer Materials”, Proceedings of of 6th International Groundwater Quality Conference, Fremantle, Western Australia, December, 2008, pp351.
- Technical Paper entitled “Microbial and Physico-Chemical Assessment of Water Sources in Akungba- Akoka, Ondo-State”, Journal of Toxicology and Environmental Health Sciences, September, 2011.
- R & D Proposals reviewed “Preozonation with photocatalysis followed by sequential batch reactor”, Ministry of Environment & Forests, Govt. of India, New Delhi.
- R & D Proposals reviewed “Treatment of Petroleum Refinery Wastewater in Sequential batch reactor”, Ministry of Environment & Forests, Govt. of India, New Delhi.
- Technical Paper entitled “Identification and Evaluation of Water Pollution from Moroccan Textile Industry”, Journal of Toxicology and Environmental Health Sciences, March, 2012. (JTEHS – 12-007)
- Technical Paper entitled “A Study of Clinoptilolite Zeolite Effects on the Removal of Lathel Concentration of Ammonium Compounds on Beluga Sturgeon Huso huso”, Journal of Toxicology and Environmental Health Sciences, March, 2012. (JTEHS – 11-092).
- Technical Paper entitled “Strategies for Oil Spill Management in the Niger Delta- A case Study of Bonny River”, Journal of Toxicology and Environmental Health Sciences, March, 2012. (JTEHS – 11-084).
- Technical Paper entitled “The Protective Role of 3-aminothiazole-(3.2a) benzimidazole-2 Carbonitrile Against Lung and Colon Injury Induced by nitrosomorpholine in Male Adult albino Rat (JTEHS – 12-011), Journal of Toxicology and Environmental Health Sciences, May, 2012. (JTEHS – 12-015).
- Technical Paper entitled “Synergetic Effects of Cypermethin and Sodium Fluoride on Liver Tissues of Albino Mice”, Journal of Toxicology and Environmental Health Sciences, April, 2012. (JTEHS – 12-015).

3. RESEARCH PAPERS PRESENTED IN INTERNATIONAL CONFERENCES OUTSIDE INDIA

- Presented a Technical Paper on **“Kinetics and Biodegradation of Phenol”** in the **IWA International Conference on “Environmental Biotechnology: Advancement on Water and Wastewater Application in the Tropics”** 9-10 Dec, 2003, **University Technology, Kuala Lumpur, Malaysia.**
- Presented two Technical Paper entitled:
 - ✓ **Multi-component Fate and Transport of Pollutants in the Agricultural Sub-Soil-Development and Validation of the Analytical Model, Securing Groundwater Quality in Urban and Industrial Environments”,** Organized by **Land and Water Centre for Environment and Life Sciences, Fremantle, Western Australia, 2–7 December, 2007.**
 - ✓ **Application of Sensitive Analysis – A one Dimensional Analytical Model for the Parameter Estimation for Describing the Behavior of the Sensitivities in Time and Space, Securing groundwater Quality in Urban and Industrial Environments”,** Organized by **Land and Water Centre for Environment and Life Sciences, Fremantle, Western Australia, 2–7 December, 2007.**

4. AREA OF SPECIALIZATION

Water treatment plant design, Biological wastewater treatment Systems, Ground water quality modeling, Ambient Air monitoring and Pollutant dispersion models studies.

5. COUNTRIES VISITED

United States of America, Canada, United Kingdom, Australia, Malaysia, Singapore and China.