



Kariyawasam Ranaweera Ranjith Mahanama

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EDUCATION:

Ph.D. (1990): Analytical Chemistry, Graduate Center, City University of New York, New York, USA.

M.Phil. (1989): Analytical Chemistry, Graduate Center, City University of New York, New York, USA.

M.A. (1988): Analytical Chemistry, Queens College of the City University of New York, Flushing, New York, USA.

B. Sc. [Honours] (1984): Chemistry, University of Colombo, Sri Lanka.

EMPLOYMENT HISTORY:

Senior Professor (2015 - present): Department of Chemistry, University of Colombo, Colombo, Sri Lanka.

Professor (Merit Promotion) (2007 - 2015): Department of Chemistry, University of Colombo, Colombo, Sri Lanka.

Senior Lecturer (Grade I) (2002 - 2007): Department of Chemistry, University of Colombo, Colombo, Sri Lanka.

Senior Lecturer (Grade II) (1995 - 2002): Department of Chemistry, University of Colombo, Colombo, Sri Lanka.

Scientist (1993 - 1995): Energy and Environment Division, Lawrence Berkeley Laboratory, University of California, Berkeley, California, USA.

Post-Doctoral Fellow (1990 - 1993): Applied Science Division, Lawrence Berkeley Laboratory, University of California, Berkeley, California, USA.

Graduate Teaching Assistant (1986 - 1990): Department of Chemistry & Biochemistry, Queens College of the City University of New York, Flushing, New York, USA.

Assistant Lecturer (1985 - 1986): Department of Chemistry, University of Colombo, Colombo, Sri Lanka.

OVERSEAS TRAINING:

Advanced Laboratory Skills Training Course. Organized by the Government of Slovak Republic in Collaboration with the Organization for the Prohibition of Chemical Weapons, 21 - 26th October 2007, Zemianske Kostol'any, Slovak Republic.

Training Course on Air Quality Management. Organized by the University of York in Collaboration with Clean Air for Asia, 31st October – 10th November 2006, Ho Chi Minh City, Vietnam.

South Asia Regional Workshop on Indoor Air Pollution and Household Energy. Organized by Practical Action in Collaboration with Indoor Air Pollution and Health Forum, Nepal, 27 - 28 February 2006, Katmandu, Nepal.

Visiting Scientist. Lawrence Berkeley National Laboratory, University of California, Berkeley, USA, 01st June - 31st August 2003, Berkeley, California, USA.

Third OPCW Associate Programme Course. Organized by the Organization for the Prohibition of Chemical Weapons, 29th July – 04th October 2002, The Netherlands and other locations in Europe.

IAEA Regional (RCA) Training Workshop on Atmospheric Chemistry and Transport. Organized by Korea Atomic Energy Research Institute in Collaboration with International Atomic Energy Agency and Government of Korea, 29th October – 02nd November 2001, Daejon, Korea.

Regional Training Program on Spectroscopy. Organized by Indian Institute of Technology Madras in Collaboration with UNESCO, 01st - 13th January, 2001, Chennai, India.

AWARDS:

Presidential Award for Scientific Publications 2003.

Merit Award for Scientific Research 2001. National Science Foundation, Sri Lanka. Jointly awarded to **K.R.R. Mahanama** and D.P. Dissanayake for the research on “Method development for analysis and control of organic pollutants in diesel exhaust”.

Presidential Award for Scientific Publications 2001.

Faculty Award for Research Excellence 2018.

DATA BANK:

NCBI GenBank

Liyanaarachchi G.D.; Samarasekara J.K.R.R.; **Mahanama K.R.R.**; Hemalal K.D.P. [2018]. *Artocarpus nobilis* chloroplast rbcL gene for ribulose-1,5-bisphosphate carboxylase/oxygenase (**GenBank Accession number: MH544229**)

TEACHING:

Conduct lectures and practical sessions for undergraduate and post-graduate students in environmental, analytical, inorganic and radio & nuclear chemistry.

Supervise graduate and undergraduate students in analytical and environmental research.

Promote chemistry education at the secondary level through school seminars and chemistry magic shows.

Conduct training programs for teachers and trainers in promoting environmental chemistry education.

Implement public awareness programs to promote the understanding of health and safety issues at the workplace and indoor environments.

Instigate training programs in capacity building for academia, industrial and banking sectors.

VISITING LECTURER:***POST-GRADUATE:***

M.Sc. in Disaster Analysis, Management and Mitigation, Institute of Human Resource Advancement, University of Colombo (2015-present).

M.Sc. in Chemistry Education, Faculty of Science, University of Colombo (2014 - present).

M.Sc. in Molecular Medicine, Post Graduate Institute of Medicine, University of Colombo (2012 - present).

M.Sc. in Applied Organic Chemistry, Faculty of Science, University of Colombo (2006 - present).

M.Sc. in Environmental Science, Faculty of Science, University of Colombo (2006 - present).

Postgraduate Diploma in Toxicology, Faculty of Medicine, University of Colombo (2006 - present).

M.Sc. in Environmental and Industrial Chemistry, Faculty of Science, University of Kelaniya (2001 - 2006).

M.Sc. in Forestry and Environmental Management, Faculty of Applied Sciences, University of Sri Jayewardenepura (2000 - 2003).

Postgraduate Diploma in Chemical Analysis, Faculty of Science, University of Colombo (1996 - 1999).

M.Sc. in Analytical Chemistry, Faculty of Science, University of Colombo (1995 - present).

UNDERGRADUATE:

B. Sc. South Eastern University of Sri Lanka (2013-present).

B. Sc. (Chemistry Special), University of Ruhuna (2006).

B. Sc. Sabaragamuwa University of Sri Lanka (2000 - 2005).

B. Sc. (Chemistry Special), University of Sri Jayewardenepura (1996 - 1998).

B. Sc. (Chemistry Special), University of Kelaniya (1996 - 2005).

Institute of Chemistry (1996 - 1997).

EXTERNAL EXAMINER / MODERATOR:

University of Ruhuna (2013-present).

South Eastern University of Sri Lanka (2013 - present).

University of Kelaniya (2006 - present).

Institute of Chemistry (2002 – 2005, 2014- present).

Sabaragamuwa University of Sri Lanka (2000 - 2006).

Open University of Sri Lanka (1999 - present).

HIGH SCHOOL EXAMINER:

Coordinator, Cambridge GCE (A/L) Practical Examination (2013, 2015-2019).

Examiner, Cambridge GCE (A/L) Chemistry practical (2011 - 2014).
Co-controller, Gampaha Centers, GCE (A/L) Chemistry (2006 - 2009, 2011 - 2013).
Chief Examiner, GCE (A/L) Chemistry (1999 - 2009, 2011 - 2013).
Examiner, London GCE Advanced Level Chemistry practical (1996 - 2009).

AFFILIATIONS:

Member, Organization of professional Associations of Sri Lanka (2015 - present).
Fellow, Institute of Chemistry (2004 - present).
Member, Senior Scientist Forum, National Science and Technology Commission (2003 - present).
Member, Young Scientist Forum, National Science and Technology Commission (2001 - 2002).
Member, Institute of Chemistry (1997 - 2004).
Member, Sri Lanka Association for the Advancement of Science (1997 - present).
Member, American Chemical Society (1987 - 1995).

POSITIONS HELD:**FACULTY:**

Chairman, Board of management, Centre for Data Science (2016 - 2020).
Dean, Faculty of Science, University of Colombo (2014 - 2020).
Chairman, Faculty Board, Faculty of Science, University of Colombo (2014 - 2020).
Chairman, Higher Degrees Committee, Faculty of Science, University of Colombo (2014 - 2020).
Chairman, University of Colombo Science and Technology Cell, Faculty of Science, University of Colombo (2014 - 2020).
Chairman, Coordinating Committee of External Degrees, Faculty of Science, University of Colombo (2014 - 2020).
Chairman, Research Committee, Faculty of Science, University of Colombo (2014 - 2020).
Member, Advisory Committee - M.Sc. In Actuarial Science, Faculty of Science, University of Colombo (2014 - present).
Chairman, Buildings and Maintenance Committee, Faculty of Science, University of Colombo (2014 - 2020).
Acting Dean, Faculty of Science, University of Colombo (January 2011, February-May 2013, January-April 2014).
Head, Department of Chemistry, University of Colombo (2009 - 2014).
Member, Curriculum Development Evaluation Committee, Faculty of science, University of Colombo, (2006 - 2014).
Member, Higher degree Committee, Faculty of science, University of Colombo, (2006 - 2020).
Coordinator, M.Sc. Analytical Chemistry, University of Colombo (2004 - 2009).

Chairman, Faculty Advisory Committee for the Diamond Exhibition of Science and Technology, DEST 2002.

Treasurer, Science Teachers Association, University of Colombo (2002-2003).

Student Counsellor, Science Faculty, University of Colombo (2001-2003).

Member, Working Committee for the exhibition on IT for next generation, Faculty of Science, University of Colombo (1999).

UNIVERSITY:

Acting Vice Chancellor, University of Colombo (in several occasions).

Member, Advisory committee, University Business Linkage Cell, University of Colombo (2018-2020).

Member, Steering Committee for the Establishment of an Engineering Faculty, University of Colombo (2017-present).

Member, Management Committee for Institutional Quality Assurance, University of Colombo (2017-2020).

Acting Director, Institute for Agro Technology and Rural Sciences, University of Colombo (August 2016- June 2017).

Member, Steering Committee for the Establishment of a Technology Faculty, University of Colombo (2015-2017).

Member, Management Committee of the Internal Quality Assurance, University of Colombo (2015-2020).

Member, Finance Committee, Institute of Biochemistry and Molecular Biology, University of Colombo (2015-2020)

Chairman, Sports Board, University of Colombo (2014- 2018).

Member, Council, University of Colombo (2014 - 2020).

Member, Deans Committee, University of Colombo (2014 - 2020).

Member, Finance Committee, University of Colombo (2014 - 2020).

Member, Leave and Awards Committee, University of Colombo (2014 - 2020).

Member, Management Committee, University of Colombo (2014 - 2020).

Member, Legislative Committee, University of Colombo (2014 - 2020).

Member, Planning and Development Committee, University of Colombo (2014 - 2020).

Member, Board of Management, Faculty of Graduate Studies, University of Colombo (2014-2020).

Member, Board of Management, University of Colombo School of Computing, University of Colombo (2014-2020).

Member, Board of Management, Institute of Biochemistry and Molecular Biology, University of Colombo (2014-2020).

Member, Academic Syndicate of the Institute of Human Resource Advancement, University of Colombo (2014-2020).

Member, Board of Management, Institute for Agro Technology and Rural Sciences, University of Colombo (2014-2020).

Member, Board of Management, Virtual Campus University of Colombo, University of Colombo (2014-2020).

Member, Board of Management, Staff Development Centre, University of Colombo (2014-2020).

Member, Finance and Management Committee, University of Colombo School of Computing, University of Colombo (2014 - 2020).

Member, Audit Committee, Institute for Agro Technology and Rural Sciences, University of Colombo (2014-2020).

Member, Research Committee, Institute of Human Resource Advancement, University of Colombo (2014 - 2020).

Member, Editorial Committee, Annual Research Symposium, University of Colombo (2012).

Domain Coordinator, Institutional Review for Quality Assurance, University of Colombo (2010).

Member, Senate, University of Colombo (2008 - present).

Faculty Representative, Academic Syndicate of the University of Colombo School of Computing, University of Colombo (2005).

Member, Organizing Committee for the Joint Academic Sessions of the Faculties of Science and Medicine, University of Colombo (2004).

Member, Organizing Committee of the 8th Sri Lanka University Games, University of Colombo 2004.

Faculty Representative for the Sports Board, University of Colombo (2003 - 2008).

Senior Treasurer, Media and Art Circle of the University of Colombo (2002).

PROFESSIONAL ORGANIZATIONS:

Sri Lanka Association for the Advancement of Science

Secretary, General Research Committee (2006).

Chairman, Environment Committee (2005).

Council Member (2005).

Member, Media Resource Service Committee (2005 – 2007).

Member, Committee for the Popularization of Science (2005 – 2007).

Vice Chairman, Environment Committee (2004).

Member, Science Education Committee (2004).

Member, Ethics Committee (2004).

Secretary, Environment Committee (2003).

Member, Environment Committee (2002, 2006).

Institute of Chemistry, Ceylon

Chairman, Awards Committee (2013-2015).

Member, Admission and Ethical Practices Committee (2012 - present).

Hon. Joint Secretary (2002 Jan – 2003 June).
 Member, Academic Board (2001 - 2003).
 Member, House and Finance Committee (2001 - 2003).
 Chairman, Interschool Chemistry Quiz Competition (2001 - 2002).
 Council Member, (2001 - 2006, 2009 - 2010, 2013 - 2017).

National Science and Technology Commission

Member, Steering Committee, Senior Scientist Forum (2005, 2006).
 Member, Steering Committee, Young Scientist Forum (2002).

ADVISORY COMMITTEES:

NATIONAL:

Member, Research Management Committee, Ministry of Science and Technology and Research (2019-present)
 Chairman, Expert Committee for Development of National Indoor Air Guidelines for Sri Lanka (2018-present).
 Member, Board of Management- Postgraduate Institute of Science (PGIS), University of Peradeniya (2018-2020)
 Acting Chairman, Sri Lanka Atomic Energy Regulatory Council, Ministry of Power and Renewable Energy (Several occasions).
 Chairman Audit and Management Committee of the Sri Lanka Atomic Energy Regulatory Council, Ministry of Power and Renewable Energy (2016 – 2018).
 Member, Sri Lanka Atomic Energy Regulatory Council, Ministry of Power and Renewable Energy (2015 – 2018).
 Member, Standing Committee on Sciences, University Grants Commission (2014 - 2020).
 Member, Standing Committee on Technology Stream, University Grants Commission (2014 - 2015).
 Member, Technical Advisory Committee for the Sri Lanka Vehicle Emission Testing Program (2011- present).
 Member, Proficiency Testing Committee, Sri Lanka Association of Testing Laboratories (2011-2014).
 Member, Quality Assurance Review Team for the Quality Assurance and Accreditation Council of the University Grants Commission Sri Lanka (2010-present).
 Member, Sectorial Committee on Chemical & Polymer Technology, Sri Lanka Standards Institution (2007- 2011).
 Member, Advisory committee for Sri Lanka Pharmaceutical Laboratory (2007-2014).
 Member, Chemical Industry Advisory Committee, Ministry of Industrial development (2006-2011).
 Member, Steering Committee for Implementation of Chemical Weapons Convention in Sri Lanka (2005 - present).

Member, National Air Resource Advisory Committee (2001- 2008).

QUALITY ASSURANCE REVIEWS:

- Chairman, Institutional Review, Sabaragamuwa University of Sri Lanka (2019).
 Chairman, Program Review, Radiography / Radiotherapy, Faculty of Allied Health Sciences, University of Peradeniya (2019).
 Chairman, Institutional Review, Sri Lanka Institute of Textile and Apparel (SLITA) (2019).
 Chairman, Program Review (BFA), Ramanathan Academy of Fine Arts, Faculty of Arts, University of Jaffna (2018).
 Chairman, Program Review (PhD), Sri Lanka Institute of Nanotechnology Academy (2018).
 Member, Program Review, Faculty of Management (B.B.A), University of Peradeniya (2018).
 Chairman, Program Review, Faculty of Social Sciences and Languages, Sabaragamuwa, University of Sri Lanka (2017).
 Member, Institutional Review, Rajarata University of Sri Lanka (2017).
 Member, Institutional Review, University of Peradeniya (2016).
 Member, Subject Review (Chemistry), Faculty of Science, University of Ruhuna (2010).

RESEARCH INTERESTS:

- Air pollution and pollution control.
 Environmental tobacco smoke.
 Emissions from combustion sources and related health issues.
 Indoor air quality.
 Low-cost instrumentation.
 Quality assessment of the consumer products.
 Water quality.

POST-GRADUATE SUPERVISIONS:

DEGREE AWARDED:

- 84 **Study of making compost for organic farming from biological sludge waste of wastewater treatment plant** [2018]. Mr. L. Seneviratne, *Master of Environment Management*, University of Colombo.
- 83 **Proposed waste management models for households, schools and municipal councils** [2018]. Mr. J.M.R.A.B. Jayathilaka, *M.Sc. in Chemistry Education*, University of Colombo. Co-supervisors: Prof. Namal Priyantha, Dr. Udena Ranathunga. University of Peradeniya.
- 82 **Arson investigation by GC/MS detection of petrol traces from different carpet substrates** [2018]. Mr. W.P.A.R.D. Bandara, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. A. Weliana, Government Analyst Department, Colombo.

- 81 **Development of a gas chromatographic fingerprint to investigate the quality of toddy** [2018]. Ms. S. Kulali, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. G. Ramanah, Government Analyst Department, Colombo.
- 80 **Impurity profiling and determination of synthetic route of manufacture of amphetamine type stimulant drugs in Sri Lanka** [2016]. Ms. K.M.N. Chamalie, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S. Tennakoon, Government Analyst Department, Colombo.
- 79 **Impurity profiling of cocaine** [2016]. Ms. M.A.J. Fernando, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S. Tennakoon, Government Analyst Department, Colombo.
- 78 **Impurity profiling and synthetic route of manufacture of amphetamine type stimulant drugs seized in Sri Lanka** [2016]. Ms. M.A.J. Fernando, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S. Tennakoon, Government Analyst Department, Colombo.
- 77 **Development of identification methods for 2,4,6 trinitrotoulene (TNT) and cyclotrimetheine trinitramide (RDX) in explosives used in crime scenes** [2016]. Ms. L.A.W.K. Dahanayake, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. A. Weliana and Mr. P.G. Madawala, Government Analyst Department, Colombo.
- 76 **Quantitative and qualitative analysis of cyanide in blood by headspace gas chromatography/mass spectroscopy** [2016]. Ms. H.T.T. Priyadarshani, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S. Tennakoon, Government Analyst Department, Colombo.
- 75 **Analysis of barbiturates and phenothiazines in human blood and urine using solid phase extraction and gas chromatography/mass spectroscopy** [2016]. Ms. T.R.M.C.D. Menike, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S. Tennakoon, Government Analyst Department, Colombo.
- 74 **Estimation of shooting distance by analysis of gunshot residue by ICP-MS** [2016]. Ms. O.A.K.C. Dineshika, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisors: Mr. A. Weliana, Government Analyst Department, Colombo.
- 73 **Investigation on the effective use of sludge from water treatment plant** [2016]. Mr. A.G.H. Viswajith, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. L.P.R.J. Wijesinghe, National Water Supply & Drainage Board, Ratmalana.
- 72 **Drinking water requirements after major floods - A case study from Pathakada village in Kalutara District of Sri Lanka** [2016]. Mr. I.S. Gunasekara, *M.Sc. in Disaster Analysis, Management and Mitigation*, University of Colombo.
- 71 **Investigations on e-waste problem in Sri Lanka: A case study with special reference to Sri Lankan citizens and licensed collectors of e-waste management in Sri Lanka** [2016]. Mr. H.L.A.M de Silva, *M.Sc. in Disaster Analysis, Management and Mitigation*, University of Colombo.
- 70 **Investigations of heavy metals in decorative enamel paints in Sri Lanka** [2016]. Ms. M.C. Lakmini, *M.Sc. in Analytical Chemistry*, University of Colombo.

- 69 **Chemical characterization and authentication of *Caryota urens* L. sap and products** [2016]. Mr. H.P.P.S. Somasiri, *Ph. D.*, University of Colombo. Co-supervisor: Dr. G.A.S. Premakumara, Industrial Technology Institute, Colombo.
- 68 **Development of a method to use gunshot residue as a forensic evidence to establish the shooter** [2015]. Mr. W.M.A. Kumara, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. A. Weliana, Government Analyst Department, Colombo.
- 67 **Development of a simple, cost effective reliable method for assessing paracetamol in pharmaceuticals** [2015]. Mr. G.W.C.S. Perera, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Prof. M.D.P. De Costa, Department of Chemistry, University of Colombo.
- 66 **Investigation of heavy metals in roadside dust particles and indoor depositions from selected locations in Gampaha District.** [2015]. Ms. A. U. Gurusinghe, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 65 **Studies on the quality of commercially available organic fertilizers in Sri Lanka** [2015]. Mr. W.M.A.K. Wijesinghe, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: M.N.A. Mubarak, Industrial Technology Institute, Colombo.
- 64 **Determination of chlorothalonil residues in tomatoes by GC-ECD** [2015]. Ms. M.B.P. Perera, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 63 **Isolation of flavors from dry flowers of *Aegle Marmelose* (Beli Mal) and use them with bottled water as “Beli mal flowered drinking water”** [2015]. Mr. M.W. Pushphakumara, *M.Sc. in Applied Organic Chemistry*, University of Colombo. Co-supervisor: Dr. N. Varnalulenderan, Eastern University, Trincomalee.
- 62 **A geographical perspective of issues related to the disposal of urban solid waste in the wet and intermediate agro-ecological zones in Sri Lanka** [2015]. Ms. U.F. Rusaik, *Ph. D.*, University of Colombo. Co-supervisor: Prof. Jayanthi De Silva, Department of Geography, University of Colombo.
- 61 **Development of a method for the recycling of used lubrication oil** [2015]. Mr. D.S.P.C.D. Pathirana, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 60 **Method development for analysis of selected pesticide residues in black tea** [2014]. Mr. A. Premathilaka, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. N. Punyasiri, Tea Research Institute, Thalawakele.
- 59 **Assessment of quality of coconut oil and its adulterations with oil** [2014]. Ms. D.A. Gamage, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. R.M.G.B. Rajanayake, Public Health Department, Colombo.
- 58 **Development of a GC fingerprint method for the determination of the diesel adulterants** [2014]. Mr. D.M.G.C. Bandara, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. A. Weliana, Government Analyst Department, Colombo.
- 57 **Investigation of heavy metals exposure to different occupations** [2014]. Ms. H. Rambukwella, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. V.A. Waduge, Atomic Energy Authority, Colombo.
- 56 **Investigation of adulterants from turmeric samples in Sri Lanka** [2014]. Ms. A.P. Keerthikumara, *M.Sc. in Analytical Chemistry*, University of Colombo.

- 55 **Determination of hexavalent chromium and other heavy metals in leather products of Sri Lanka** [2014]. Mr. A.G.G.C. Premaratne, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S.L. Rajasingham, SGS Lanka, Colombo.
- 54 **Determination of food composition and nutrient labeling of selected agricultural products in Sri Lanka** [2014]. Ms. E.M.S. Isanka, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. H.P.P.S. Somasiri, Industrial Technology Institute, Colombo.
- 53 **Comparative analysis of composition of polyaluminium chloride used for water treatment in Sri Lanka** [2014]. Ms. A.S. Saputhanthri, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. L.P.R.J. Wijesinghe, National Water Supply & Drainage Board, Ratmalana.
- 52 **Method Validation for chlorophenamine melete in pharmaceutical preparations** [2014]. Ms. K.S. Indikadahena, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. K.K.G.P.B. Herath, Astron Ltd., Ratmalana.
- 51 **An investigation to assess the performance of wastewater treatment plant of Seethawaka export processing system** [2014]. Ms. V.P.L. Jayawardena, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. S. Sumanaweera, National Water Supply & Drainage Board, Ratmalana.
- 50 **Study of catalytic oxidation efficiency of titanium oxide coated on activated carbon** [2013]. Mr. R.B. Warnakulasooriya, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. D.P. Dissanayake, Department of Chemistry, University of Colombo.
- 49 **Investigation of milk powder for fat adulteration** [2013]. Ms. W.M.K.S. Gunaratne, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 48 **Study of the use of biogeofilter for the purification of waste water** [2013]. Ms. G. S. M. Fonseka, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. (Mrs) B. C. L. Atapattu and Dr. (Mrs) S. Iqbal, Open University of Sri Lanka, Nawala.
- 47 **Investigating the emission of formaldehyde from common wood products used in Sri Lanka** [2013]. Mr. C. K. Kosgahakumbura, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S.L. Rajasingham, SGS Lanka, Colombo.
- 46 **Determination of polycyclic aromatic hydrocarbons (PAHs) in drinking water from Colombo and Jaffna Districts** [2013]. Mr. W.A.U.K. Wickramasinghe, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S.L. Rajasingham, SGS Lanka, Colombo.
- 45 **Development of a high-performance liquid chromatographic assay method for chlorophenamine malate in tablets** [2012]. Ms. A. Vinothan, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Mr. A. Munasinghe, State Pharmaceutical Cooperation, Colombo.
- 44 **Analysis of benzoic acid sorbic acid in some selected food items available in Sri Lanka** [2012]. Ms. U.L. Kathriarachchi, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. D. Seneviratne, Government Analyst's Department, Colombo.
- 43 **SDS-PAGE analysis of 8 endotoxins of local strains and screening of type I β exotoxins by HPLC** [2012]. Ms. D.M.J.C. Dissanayake, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Prof. T.C. Bamunuarachchi, University of Peradeniya, Kandy.

- 42 **Investigation of contribution of ambient ozone level to the asthma prevalence among the school children** [2012]. Ms. A.T.R. Fernando, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 41 **A study on the agricultural runoff and other improper waste disposal degrading the quality of stagnant water bodies in South Eastern region of Sri Lanka** [2011]. Mr. M.A.C. Mohamed Haniffa, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. R. Senthilnithy, South Eastern University of Sri Lanka, Oluvil.
- 40 **Spectroscopic methods for screening Sudan dyes from chili products** [2011]. Ms. E.H.M. Ranasinghe, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 39 **Investigation on the use of used polyethylene teraphthalate bottles to remove the hazardous polycyclic aromatic hydrocarbons from coconut oil** [2011]. Ms. R.M.R.K. Rathnayake, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 38 **Application of the removal of lead and cadmium ions from aquatic systems using structurally different forms of rice husk ashes** [2011]. Mr. M.M. S. Premalal, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 37 **Evaluation of the pesticide distribution between soil and ground water** [2011]. Mr. H.D.P. Fonseka, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 36 **Qualitative and quantitative determination of organophosphates in post-mortem whole human blood by gas chromatography** [2010]. Mr. U.S.S. Udugampola, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Ms. S. Tennakoon, Government Analyst's Department, Colombo.
- 35 **Exposure of heavy metals to the toddlers from crayons** [2010]. Miss. L.R.T. Perera, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 34 **Variation of water quality along Kalu Ganga** [2010]. Mr. D.N.P. Welikala, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 33 **Development of screening methods to determine the excipient metal contents in pharmaceutical formulations** [2010]. Ms. G.R.W.P. Kumari, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. K.K.G.P.B. Herath, State Pharmaceutical Manufacturing Cooperation of Sri Lanka, Ratmalana.
- 32 **Quantitative analysis of fat-soluble vitamin A and vitamin E from consumer products** [2010]. Ms. P.S.F. Perera, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 31 **Nutrition value of available fertilizers in Sri Lanka at the farmers end** [2010]. Ms. K.C.R.K. Fernando, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 30 **Assessment of heavy metals in black tea produced in different agro-ecological regions of Sri Lanka** [2009]. Ms. A.D.M. Damayanthi, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. A.M.T. Amarakoon, Sri Lanka Tea Board, Colombo.
- 29 **Investigation of lead and other heavy metals sources and their depositions in the indoors** [2009]. Ms. D.T. Abeysinghe, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 28 **Investigation of leaching heavy metals into soil and groundwater from a battery dump yard** [2009]. Mr. H.A. Anarchize, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 27 **Investigations of the changes in chemical and physical properties in the lubricating oil with the usage** [2008]. Ms. H.T.P.H. Weragoda, *M.Sc. in Analytical Chemistry*, University of Colombo.

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- 22 **Development of a water quality index for Kelani River** [2007]. Mr. D.D.N. Padmasiri, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 21 **Development of a suitable method for identification of different polymorph types in mebendazole** [2007]. Ms. H.C. Ratnayake, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. K.K.G.P.B. Herath, State Pharmaceutical Manufacturing Cooperation of Sri Lanka, Ratmalana.
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- 19 **Development of a fingerprinting method to investigate the arsenals** [2007]. Mr. A. Weligama, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 18 **A study of noise regulations No 1 of 1996 and preparation of noise zone map for Dehiwala Mount Lavinia municipal area** [2006]. Mr. S. Wijesekara, *M.Sc. in Environmental Science*, University of Colombo. Co-supervisor: Mr. C.K. Amaratunga, Central Environmental Authority, Colombo.
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- 15 **Development of a chromatographic based method for the source determination of "street" samples of heroin** [2005]. Ms. E.A. Egodapitiya, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. A.R.L. Wijesekara, National Dangerous Drug Control Board, Colombo.
- 14 **A study of the low birth weight of infants arising out of the exposure of their mothers to smoke from biomass smoke** [2005]. Ms. S.M. Pathiratne, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 13 **A survey and investigation to evaluate the relationship of cancer to indoor air pollution** [2005]. Ms. M.A.K.K. P. Perera, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 12 **Investigation of adulterants in Sri Lankan motor fuels using a synchronize fluorimetric method** [2005]. Mr. D.R. Kulathunga, *M.Sc. in Analytical Chemistry*, University of Colombo.

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- 10 **Transesterification process to manufacture ethyl esters of coconut oil** [2004]. Ms. R.R.J. de Silva, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. D.P. Dissanayake, Department of Chemistry, University of Colombo.
- 09 **Investigation of polar aromatic compounds between acetonitrile and nonpolar solvents** [2004]. Mr. K.V.G.M. Silva, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 08 **Correlation investigation for dissolved oxygen and dissolved sulfur compounds** [2004]. Mr. D.S.M. Wickramarchchi, *M.Sc. in Analytical Chemistry*, University of Colombo.
- 07 **Characterization of sound absorption properties of locally available absorption material** [2004]. Mr. S. S. K. Hapuarachi, *M.Sc. in Environmental Science*, University of Colombo. Co-supervisor: Mr. A.S. Pannila, Ceylon Institute of Scientific and Industrial Research, Colombo.
- 06 **Degradation of sulfur containing pollutants using zinc oxide based photo catalysis** [2004]. Mr. W.S.R. Ratnayake, *M.Sc. in Analytical Chemistry*, University of Colombo. Co-supervisor: Dr. D.P. Dissanayake, Department of Chemistry, University of Colombo.
- 05 **Comparative study of water quality in dry zone and wet zone of Sri Lanka** [2003]. Mr. L.P.R.J. Wijesinghe, *M.Sc. in Analytical Chemistry*, University of Colombo.
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- 02 **Developing a sensor for sulfur dioxide in the environment of air** [1998]. Ms. E. Nallathamby, *M.Sc. in Analytical Chemistry*, University of Colombo.
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 - 13 Goth-Goldstein, R.; Leadon, S.A; Levine, G.; **Mahanama, K.R.R.**; Tischler; A.N. [1993]. *Indirect and direct genotoxic effects of tobacco smoke condensate on human mammary cells in culture*. Presented at the 1st Annual Scientific Conference of the Tobacco-related Disease Research Program, December 02 - 03, San Francisco, California, USA.
 - 12 Gundel, L.A.; Daisey, J.M; **Mahanama, K.R.R.**; Lee, V.C.; Stevens, R.K. [1993]. *The phase distribution of polycyclic aromatic hydrocarbons in indoor air and environmental tobacco smoke measured with a new integrated organic vapor sampler*. Presented at the 6th International Conference on Indoor Air Quality and Climate, June 06 - 10, Helsinki, Finland.
 - 11 Gundel, L.A.; **Mahanama, K.R.R.**; Daisey, J.M.; Lee, V.C.; Stevens, R.K. [1993]. *Direct measurement of gas-phase semi-volatile polycyclic aromatic hydrocarbons collected on annular denuders*. Presented at the International Symposium on Measurement of Toxic and Related Air Pollutants, May 04 - 07, Durham, North Carolina, USA

- 10 **Mahanama, K.R.R.;** Gundel, L.A.; Daisey, J.M.; Spengler, J.D. [1992]. *Polycyclic aromatic hydrocarbons in Kuwaiti particles from May 1991*. Presented at the 11th Annual Meeting of the American Association for Aerosol Research, October 12 - 16, San Francisco, California, USA.
- 09 Gundel, L.A.; Stevens, R.K.; Daisey, J.M.; Lee, V.C.; **Mahanama, K.R.R.;** Cancel-Velez; H.D. [1992]. *Annular denuders for sampling semi-volatile polycyclic aromatic hydrocarbons and other organic species*. Presented at the 11th Annual Meeting of the American Association for Aerosol Research, October 12 - 16, San Francisco, California, USA.
- 08 **Mahanama, K.R.R.;** Gundel, L.A.; Daisey, J.M. [1992]. *Selective fluorescence detection of polycyclic aromatic hydrocarbons in environmental tobacco smoke and other airborne particles*. Presented at the 204th National Meeting of the American Chemical Society, August 23 - 28, Washington D.C, USA.
- 07 Gundel, L.A.; **Mahanama, K.R.R.;** Daisey, J.M. [1992]. *Silica cleanup of environmental tobacco smoke and airborne particles for determination of polycyclic aromatic hydrocarbons*. Presented at the 203rd National Meeting of the American Chemical Society, April 05 - 10, San Francisco, California, USA.
- 06 Gundel, L.A.; **Mahanama, K.R.R.;** Daisey, J.M. [1992]. *Fractionation of polar organic extracts of airborne particulate matter using cyanopropyl bonded silica in solid phase extraction*. Presented at the 203rd Annual Meeting of the American Chemical Society, April 05 - 10, San Francisco, California, USA.
- 05 Gundel, L.A.; **Mahanama, K.R.R.;** Daisey, J.M.; Carvalho, L.R.F.de; Schuetzle, D. [1991]. *Fractionation and characterization of the polar organic extract of airborne particles*. Presented at the 10th Annual Meeting of the American Chemical Association for the Aerosol Research, October 07 - 11, Traverse City, Michigan, USA.
- 04 Kado, N.Y.; Kuzmicky, P.A.; Hsieh, D.P.H.; Gundel, L.A.; **Mahanama, K.R.R.;** Daisey; J.M. [1991]. *Mutagenic activity of the polar organic matter and its fractionation from airborne particles*. Presented at the 10th Annual Meeting of the American Chemical Association for the Aerosol Research, MI, October 07 - 11, Traverse City, Michigan, USA.
- 03 Locke, D.C.; **Mahanama, K.R.R.;** Cai, J.; Wolfe, E.; Tewani, S. [1990]. *Clean extracts from nasty matrices using supercritical fluids*. Presented at the 41st Pittsburgh Conference, March 06 - 10, New York City, New York, USA.
- 02 Locke, D.C.; Cai, J.; **Mahanama, K.R.R.;** Sharma, A.K.; Schneiderman, M.A.; Wolfe, E. [1989]. *Rapid sample preparation using supercritical fluid extraction*. Presented at the 28th Eastern Analytical Symposium, September 24 - 29, New York City, New York, USA.
- 01 Locke, D.C.; **Mahanama, K.R.R.;** Schneiderman, M.A.; Sharma, A.K. [1989]. *Supercritical fluid extraction: an expeditious sample preparation technique*. Presented at the 40th Pittsburgh Conference, March 06 - 10, Atlanta, Georgia, USA.

GUEST LECTURES:

- 134 **Indoor Air: The silent Killer.** Organized by the Faculty of Medicine, University of Colombo on the Colombo Medical Congress 2020, 150 years Celebrations. February 12-15, 2019, Colombo.
- 133 **Environmental issues in Sri Lanka; Initiatives by University of Colombo.** Organized by the UN Environment – Tongji Institutes of Environment for Sustainable Development. December 10-11, 2018, Shanghai China
- 132 **Green Chemistry.** Organized by the Institute of Chemistry, Ceylon on the seminar on Green Chemistry and its relevance to the Society. October 26, 2018, Colombo.
- 131 **Indoor Air: The silent Killer.** Organized by the College of Community Physicians of Sri Lanka on the theme seminar on Healthy Environment: Healthy Investment for a Healthier Nation. September 14-15, 2018, Colombo.
- 130 **Chromatographic Techniques.** Organized by the Institute of chemistry for the seminar on “Principles and Practice of Modern Analytical Methods for Industries - Chromatographic Techniques and Spectroscopic Identification Techniques” September 7, 2018, Colombo.
- 129 **Chemical Hazards and Hazard Identification.** Organized by the National Authority for the Implementation of Chemical Weapons Convention December 15, 2017, Colombo.
- 128 **Chemical Hazards and Hazard Identification.** Organized by the National Authority for the Implementation of Chemical Weapons Convention October 24, 2017, Colombo.
- 127 **Chemical Hazards and Hazard Identification.** Organized by the National Authority for the Implementation of Chemical Weapons Convention June 2, 2017, Colombo.
- 126 **Environmental Chemistry.** Delivered at the Advanced level Seminar Series on Chemistry at Anula Vidyalaya, Nugegoda. Organized by the SLAAS, February 09, 2017, Nugegoda.
- 125 **Environmental Chemistry.** Delivered at the *CHEMX 4 Educational Exhibition and Trade Fair*. Organized by the Institute of Chemistry Ceylon, January 28, 2017, Colombo.
- 124 **Environmental Chemistry.** Delivered at the *CHEMX 4 Educational Exhibition and Trade Fair*. Organized by the Institute of Chemistry Ceylon, January 26, 2017, Colombo.
- 123 **Environmental Chemistry.** Delivered at the *Teachers Training program*. Organized by the Institute of Chemistry Ceylon, January 19, 2017, Colombo.
- 122 **Chemical Hazards and Hazard Identification.** Organized by the National Authority for the Implementation of Chemical Weapons Convention December 21, 2016, Colombo.
- 121 **Chemical Hazards and Hazard Identification.** Delivered at the *Certificate Course on Industrial Safety Emergency and Environmental Management*. Organized by the National Authority for the Implementation of Chemical Weapons Convention in collaboration with the University of Peradeniya. December 3, 2016, Colombo.
- 120 **Chemical Substances and Hazard Groups.** Delivered at the *Workshop on National Oil Spill Contingency Plan Covering Chemical Spills*. Organized by the Marine Environment Protection Authority. August 9, 2016, Colombo.
- 119 **Chemical Hazards and Hazard Identification.** Delivered at the *Certificate Course on Industrial Safety Emergency and Environmental Management*. Organized by the National Authority for the Implementation of Chemical Weapons Convention in collaboration with the University of Peradeniya. July 8, 2016, Colombo.

- 118 **Hazards Materials, Identification.** Delivered at the *Seminar on Chemical Handling and Laboratory Safety*. Organized by the College of Chemical Science, Institute of Chemistry Ceylon. May 07, 2016, Colombo.
- 117 **You Smoke + We Inhale = Passive Smoking.** Delivered the Invited Guest Lecture at the School of Marine Biomedical Sciences, Jeju National University. February 17, 2016, Jeju, Republic of Korea.
- 116 **Identification of Chemical Hazards and Safe Storing of Chemicals.** Delivered at the *Certificate Course on Industrial Safety Emergency and Environmental Management*. Organized by the National Authority for the Implementation of Chemical Weapons Convention in collaboration with the University of Peradeniya. October 24, 2015, Colombo.
- 115 **Color Writing: A Powerful Analytical Tool for Today and Tomorrow.** Delivered the Keynote Address at the *Workshop on Chromatographic Techniques and Their Applications*. Organized by College of Chemical Sciences, Institute of Chemistry Ceylon February 26, 2015, Colombo.
- 114 **Supercritical Fluids and Their Applications in Separation Science.** Delivered at the *Workshop on Chromatographic Techniques and Their Applications*. Organized by College of Chemical Sciences, Institute of Chemistry Ceylon February 26, 2015, Colombo.
- 113 **Science Education at University of Colombo.** Delivered at the *Invited Lectures on Science Education*, Organized by the World Science Congress, University of Jadavpur University, Kolkata, India December 11, 2014, Kolkata, India.
- 112 **Indoor Air: The Silent Killer.** Delivered at the *Guest Lecture Series*, Organized by the Staff Development Center, University of Colombo, December 11, 2014, Colombo.
- 111 **University Education.** Delivered at the *Leadership Positive and Attitude Development Programme for the University Entrants*, Organized by the Ministry of Higher Education, September 14, 2014, Kandy.
- 110 **Safe Handling of Chemicals.** Delivered to the staff at the Government Analyst Department. August 28, 2014, Colombo.
- 109 **Hazardous Materials, Identification and Detection.** Delivered at the *Certificate Course in Hazardous Chemical Management for Sustainable Industrial Development*. Organized by the National Authority for the Implementation of Chemical Weapons Convention in collaboration with Institute of Human Resource Advancement (IHRA) of the University of Colombo, August 12, 2014, Colombo.
- 108 **Indoor Air: The Silent Killer.** Delivered at the Chemistry Day in Matara Organized by the Department of Chemistry of the University of Ruhuna in collaboration with the Institute of Chemistry Ceylon, July 2, 2014, Colombo.
- 107 **Curricula and Evaluation in Chemistry for Environmental Studies - Air.** Delivered at the Theme Seminar on *Curricular and Evaluation in Chemistry for Sustainable Economy*. Organized by the Institute of Chemistry Ceylon, June 19, 2014, Colombo.
- 106 **Chemical Safety at Work Place.** Delivered at the *Certificate Course in Industrial Safety Emergency and Environmental Management*. Organized by the National Authority for the Implementation of Chemical Weapons Convention in collaboration with Institute of Human Resource Advancement (IHRA) of the University of Colombo, January 10, 2014, Colombo.

- 105 **Air Pollution and Its Impact on Health.** Delivered at the *Allergy and Immunology Society of Sri Lanka Symposium on Allergy, Asthma and Respiratory Diseases*. Organized by the Allergy and Immunology Society of Sri Lanka, April 04, 2014, Medical Research Institute Colombo.
- 104 **University Education.** Delivered at the *Leadership Positive and Attitude Development Programme for the University Entrants*, Organized by the Ministry of Higher Education, January 22, 2014, Kandy.
- 103 **Safety and Storing of Hazardous Chemicals.** Delivered at the *Training Seminar on Hazardous Chemical Management and Emergency Response for the staff attached to the Environmental Department of the BOI*. Organized by the Research Centre of the Shipping and Aviation in collaboration with National Authority for the Implementation of Chemical Weapons Convention, January 10, 2014, Colombo.
- 102 **University Education.** Delivered at the *Leadership Positive and Attitude Development Programme for the University Entrants*, Organized by the Ministry of Higher Education, January 06, 2014, Girthale.
- 101 **Application of Supercritical Fluid Chromatography in Pharmaceutical Analysis.** Delivered the Special Guest Lecture at the *World Congress on Pharmaceutical Sciences & Chemical Technology*. December 16 - 18, 2013, Colombo.
- 100 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the North Central Province*, Organized by the National Institute of Education, December 05 - 06, 2013, Anuradhapura.
- 99 **University Education.** Delivered at the *Leadership Positive and Attitude Development Programme for the University Entrants*, Organized by the Ministry of Higher Education, November 28, 2013, Gannoruwa.
- 98 **Safe Drinking Water: An Ongoing Challenge.** Delivered at the *Seminar on Water Quality Management*, Organized by the Institute to Chemistry Ceylon, October 31, 2013, Colombo.
- 97 **Indoor Air: The Silent Killer.** Delivered at the *Popular lecture series on current topics*, Organized by the Society of 5Ws and 1H, University of Colombo, September 6, 2013, Colombo.
- 96 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Northwestern Province*, Organized by the National Institute of Education, July 23 - 24, 2013, Kurunegala.
- 95 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers (English and Tamil) in the Western Province*, Organized by the National Institute of Education, July 16 - 17, 2013, Colombo.
- 94 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Western Province*, Organized by the National Institute of Education, July 08 - 09, 2013, Colombo.
- 93 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives at the National Development Bank*. Organized by the Institute of Bankers of Sri Lanka, July 01 - 02, 2013, Colombo.
- 92 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Eastern Province*, Organized by the National Institute of Education, June 18 - 19, 2013, Baticcloa.

- 91 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Central Province*, Organized by the National Institute of Education, June 13 - 14, 2013, Kandy.
- 90 **Air Pollution Related to Waste Burning.** Delivered at the *Training Seminar on Solid Waste Management: Winning the Solid Waste Challenge*, Organized by the Institute of Chemistry, Ceylon, June 13, 2013, Colombo.
- 89 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Uva Province*, Organized by the National Institute of Education, May 30 - 31, 2013, Badulla.
- 88 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives at the National Development Bank*. Organized by the Institute of Bankers of Sri Lanka, May 27, 2013, Colombo.
- 87 **Hazardous Materials, Identification and Detection.** Delivered at the *Hazardous Chemical Management for Sustainable Industrial Development Certificate Programme*. Organized by the Institute of Human Resource Advancement in collaboration with National Authority for the Implementation of Chemical Weapons Convention, May 17, 2013, Colombo.
- 86 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Northern Province*, Organized by the National Institute of Education, April 08 - 09, 2013, Jaffna.
- 85 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Southern Province*, Organized by the National Institute of Education, April 01 - 02, 2013, Galle.
- 84 **Indoor Air and Health.** Delivered at the *Communication, Training Workshop for the Health Promoters on Environmental Pollution and Climate Change for Medical Officers of Health, Southern Province*. Organized by the Health Education Bureau, Ministry of Health. March 22, 2013, Colombo.
- 83 **Environmental Chemistry for GCE A/L.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Sabaragamuwa Province*, Organized by the National Institute of Education, March 14 - 15, 2013, Ehaliyagoda.
- 82 **Indoor Air and Health.** Delivered at the *Communication, Training Workshop for the Health Promoters on Environmental Pollution and Climate Change for Medical Officers of Health, Central, North Central and North Western Provinces*. Organized by the Health Education Bureau, Ministry of Health. December 04, 2012, Colombo.
- 81 **Indoor Air and Health.** Delivered at the *Communication, Training Workshop for the Health Promoters on Environmental Pollution and Climate Change for Medical Officers of Health, Western Province*. Organized by the Health Education Bureau, Ministry of Health. November 29, 2012, Colombo.
- 80 **Chemistry of the Atmosphere.** Delivered at the *GCE (A/L) students Workshop at the International Symposium on Polymer Science and Technology 2012 in collaboration with Industries, Institutions and Universities*. Organized by the University of Sri Jayewardenepura, November 04, 2012, Nugegoda.
- 79 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives at the Union Bank*. Organized by the Institute of Bankers of Sri Lanka, October 08, 2012, Colombo.

- 78 **Hazard Communication.** Delivered at the *Certificate Program on Hazardous Chemical Management for Sustainable Industrial Development*. Organized by the Institute of Human Resource Advancement in collaboration with National Authority for the Chemical Weapons Convention, September 27, 2012, Colombo.
- 77 **Monitoring Ambient Air Quality and Emission of Stack Gases.** Organized by the Central Engineering Consultancy Bureau, July 25, 2012, Colombo.
- 76 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives at the NDB*. Organized by the Institute of Bankers of Sri Lanka, May 08, 2012, Colombo.
- 75 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives at the NDB*. Organized by the Institute of Bankers of Sri Lanka, May 03, 2012, Colombo.
- 74 **Trihalomethanes (THMs) in water supplies and methods of analysis.** Delivered at the *Training Programme on "Awareness Water Safety Plan"*. Organized by the Research and Development Section of National Water Supply & Drainage Board, March 14 - 15, 2012, Ratmalana.
- 73 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives*. Organized by the Institute of Bankers of Sri Lanka, February 27 - 28, 2012, Colombo.
- 72 **Hazard Communication.** Delivered at the *Awareness Program on Safety Handling and Storing of Precursor Chemicals*. Organized by the Precursor Control Authority, February 03, 2012, Colombo.
- 71 **Hazard Communication.** Delivered at the *Awareness Program on Safety Handling and Storing of Precursor Chemicals*. Organized by the Precursor Control Authority, January 27, 2012, Colombo.
- 70 **Separation Methods.** Delivered at the *Instrumental and Analytical Training Program on Wetland Monitoring for the Research Officers at Department of Wildlife Conservation*. Organized by the Department of Chemistry, University of Colombo, December 27 - 29, 2011, Colombo.
- 69 **Laboratory Basics.** Delivered at the *Instrumental and Analytical Training Program on Wetland Monitoring for the Research Officers at Department of Wildlife Conservation*. Organized by the Department of Chemistry, University of Colombo, December 27 - 29, 2011, Colombo.
- 68 **Chromatography in Pharmaceutical Analysis.** Delivered at the Training Program for the employees of the GlaxoSmithKline Sri Lanka, Nov 14, 2011, Ratmalana.
- 67 **Photochemistry in the Atmosphere.** Delivered at the Theme Seminar on *Photochemistry for the Wellbeing of Society*. Organized by the Institute of Chemistry Ceylon, June 17, 2011, Colombo.
- 66 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives*. Organized by the Institute of Bankers of Sri Lanka, April 08, 2011, Colombo.
- 65 **Air Quality in Colombo.** Delivered at the *Knowledge economy and urban growth: prospects for Colombo*, Organized by National Academy of Sciences, April 06, 2011, Colombo.

- 64 **Gold Testing.** Delivered at the *Training Workshop on Pawning Management Directives*, Organized by the NDB Bank, February 29, 2011, Colombo.
- 63 **Heavy Metals in e-waste and Their Health Effects.** Delivered at the *National Workshop on Status of Mercury and e-waste in Sri Lanka*, Organized by Centre for Environmental Justice, December 16, 2010, Colombo.
- 62 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training program for GCE A/L Chemistry Tamil medium Teachers in the island other than Northern and Eastern Provinces*, Organized by the National Institute of Education, November 25 - 26, 2010, Colombo.
- 61 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Sabaragamuwa Province*, Organized by the National Institute of Education, November 11 - 12, 2010, Ehaliyagoda.
- 60 **Curricula and Teaching Environmental Chemistry to GCE A/L students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Eastern Province*, Organized by the National Institute of Education, November 08 - 11, 2010, Colombo.
- 59 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the North Central Province*, Organized by the National Institute of Education, November 03 - 04, 2010, Anuradapura.
- 58 **Curricula and Teaching Environmental Chemistry to GCE A/L Students** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Western Province*, Organized by the National Institute of Education, October 11 - 12, 2010, Colombo.
- 57 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Northwestern Province*, Organized by the National Institute of Education, October 04 - 05, 2010, Kurunegala.
- 56 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Southern Province*, Organized by the National Institute of Education, September 29 - 30, 2010, Matara.
- 55 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Northern Province*, Organized by the National Institute of Education, September 24 - 26, 2010, Jaffna.
- 54 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teachers in the Uva Province*, Organized by the National Institute of Education, July 29 - 30, 2010, Badulla.
- 53 **Environmental Distribution and Exposure of Hazardous Chemicals.** Delivered at the *Training Program for Response Specialists Dealing with Chemical Weapons Agents and Toxic Industrial Chemicals*, Organized by the National Authority for the Implementation of the Chemical Weapons Convention in Sri Lanka, June 18, 2010, Colombo.
- 52 **Extraction of Safety Information from Available Resources.** Delivered at the *Training Program for Response Specialists Dealing with Chemical Weapons Agents and Toxic Industrial Chemicals*, Organized by the National Authority for the Implementation of the Chemical Weapons Convention in Sri Lanka, June 18, 2010, Colombo.
- 51 **Understanding Our Atmosphere.** Delivered at the *GCE A/L Chemistry Teacher's Seminar 2010*, Institute of Chemistry Ceylon, May 24 - 25, 2010, Colombo.

- 50 **Curricula and Teaching Environmental Chemistry to GCE A/L Students.** Delivered at the *Training Program for GCE A/L Chemistry Teacher Trainers*, Organized by the National Institute of Education, May 18, 2010, Colombo.
- 49 **Introduction of Environmental Chemistry to GCE A/L Syllabus.** Delivered to the *Teachers in the GCE A/L Teachers Handbook Preparation Committee*, University of Colombo, March 25, 2010, Colombo.
- 48 **Indoor Air; The Silent killer.** Delivered at the *Science Colloquium*, Faculty of Science, University of Colombo, November 25, 2009, Colombo.
- 47 **Indoor Air Pollution, Sources, Issues and Trends.** Delivered at the *National Workshop on Indoor Air Quality Management*, November 05 - 06, 2009, Minuwangoda.
- 46 **Air Sampling and its applications in environmental management.** Delivered at the *Training Seminar on Sampling, calculations and statistics in chemical analysis and environmental management*. Organized by the Institute to Chemistry, Ceylon October 07, 2009, Colombo.
- 45 **Chromatographic Instrumentation and Its Applications in Herbal Separations.** Delivered at the *Training Course on Herbal Technology*. Organized by the Institute to Chemistry, Ceylon October 17, 2007, Colombo.
- 44 **Acid Base Equilibrium and Its Applications.** Delivered at the *GCE A/L Teachers Workshop* organized by the Department of Chemistry, University of Colombo, October 17, 2007, Colombo.
- 43 **Hidden Danger at Your Home and Workplace.** Delivered at the *Trainers Training Program for the health officials on Air Pollution*. Organized by the Ministry of Healthcare & Nutrition, October 11 - 12, 2007, Colombo.
- 42 **Chemical Weapons and Management of Chemical Disasters.** Delivered at the *National Workshop on Radiological Emergency Response for First Responders*. Organized by the Disaster Management Center and Atomic Energy Authority, Sri Lanka, August 20, 2007, Colombo
- 41 **Hidden Danger at Your Home and Workplace.** Delivered at the *Trainers Training Program for the health officials on Air Pollution*. Organized by the Ministry of Healthcare & Nutrition, June 21, 2007, Colombo.
- 40 **Waste Burning and Air Pollution.** Delivered at the *Training Seminar on Solid Waste Management - An Effort towards an Unpolluted Green Tomorrow*. Organized by the College of the Chemical Sciences, Institute of Chemistry, in collaboration with the Waste management Authority Western Province, June 13, 2007, Colombo.
- 39 **Air Quality Monitoring in Sri Lanka.** Delivered at the *Training Course on Air Quality Management*. Organized by the University of York in Collaboration with Clean Air for Asia, 31st October – 10th November 2006, Ho Chi Minh City, Vietnam.
- 38 **Indoor Air Quality.** Delivered as the Inaugural Lecture for the *Colloquium Series at University of Kelaniya*. Organized by the Department of Chemistry, University of Kelaniya, August 31, 2006, Kelaniya.
- 37 **Analytical Chemistry for healthy working environment.** Delivered at the *Workshop for the Industrialist to Strengthen the Industry – University Collaborations*. Organized by the Department of Chemistry, University of Colombo, August 27, 2006, Colombo.

- 36 **Introduction to Indoor Air Pollution Problems.** Delivered at the *Workshop on Indoor Air Pollution Management Pilot Project*. Organized by the Environmental Division, National Building Research Organization, August 03, 2006, Colombo.
- 35 **Are We Safe Indoors?** Delivered the Key Note address at the *Workshop on Health & Safety at Laboratory Working Environment*. Organized by the Sri Lanka Association of Testing Laboratories, May 25, 2006, Colombo.
- 34 **Valuation of Articles.** Delivered at the *Training Workshop on Pawning Management Directives*. Organized by the Staff Training College of the Peoples Bank, April 20, 2006, Colombo.
- 33 **Air Pollution Management.** Delivered at the *Training Program for the Officials attached to the Committees on Environment Policy and Management-Mechanism* organized by Sri Lanka Institute of Development Administration, December 19 - 23, 2005, Colombo.
- 32 **Quantitative Analysis.** Delivered at the *A/L Teachers Workshop* organized by the Department of Chemistry, University of Colombo, November 10, 2005, Colombo
- 31 **Introduction to Atmosphere.** Delivered at the 50th Anniversary celebration of the *Nawayugaya* magazine. Organized by the Media Resource Committee and the *Nawayugaya* magazine, September 08, 2005, Colombo.
- 30 **Testing Gold Jewellery.** Delivered at the *Training Workshop on Pawning Management Directives*. Organized by the Staff Training College of the Peoples Bank, July 13, 2005, Colombo.
- 29 **Emission Control Technologies.** Delivered at the *Training Seminar on Application of Pollution/Emission Control Technologies in Industry*. Organized by the Institute of Chemistry, Ceylon, May 13, 2005, Colombo.
- 28 **Sampling and Analysis of Air.** Delivered at the *Training Seminar cum Workshop on Sampling, Statistics and Standardization in Chemical Analysis & Environmental Management*. Organized by the College of Chemical Sciences, Institute of Chemistry, Ceylon, January 25, 2005, Colombo.
- 27 **HPLC and GC Troubleshooting.** Delivered at the *Training Seminar/Workshop for the Government Analyst Department*. Organized by the Chemistry Department, University of Colombo, December 22 - 23, 2004, Colombo.
- 26 **Chromatographic Methods.** Delivered at the *Training Seminar/Workshop for the Government Analyst Department*. Organized by the Chemistry Department, University of Colombo, December 22 - 23, 2004, Colombo.
- 25 **Gold Testing for Chemical Composition.** Delivered at the *Training Workshop on Gold Jewellery Pawning for the Bankers*. Organized by the Bankers Educational Unit of the Central Bank, November 23 - 25, 2004, Colombo.
- 24 **Industry and Pollution.** Delivered at the *A/L Teachers Workshop on "Frontiers in Chemistry"*. Organized by the Department of Chemistry, University of Colombo, in collaboration with the Section E₂ of the Sri Lanka Association for the Advancement of Science, November 18 - 19, 2004, Colombo.
- 23 **Gold Testing for Chemical Composition.** Delivered at the *Training Workshop on Gold Jewellery Pawning for the Bankers*. Organized by the Bankers Educational Unit of the Central Bank, November 17 - 19, 2004, Colombo.

- 22 **Indoor Air Pollution.** Delivered at the *Awareness Programme for the staff of Geography Department of University of Ruhuna*. Organized by Air Resource Management Center, Ministry of Environment, October 29, 2004, Colombo.
- 21 **Theory behind the Gold Testing.** Delivered at the *Training Workshop on Gold Jewellery Pawning for the Bankers in Gampaha and Chillaw Regions*. Organized by the Educational Unit of the Peoples Bank, July 25, 2004, Ja-Ela.
- 20 **Environmental Pollutants due to Industries.** Delivered at the *Workshop on Industrial Effluents at the University of Ruhuna*. Organized by the Environment Committee and the Section E₂ of the Sri Lanka Association for the Advancement of Science, March 26, 2004, Matara.
- 19 **Is It Gold? Testing and Composition Determination of Gold.** Delivered at the *Training Workshop on Gold Jewellery Pawning for the Bankers*. Organized by the Bankers Educational Unit of the Central Bank, November 19 - 21, 2003, Colombo.
- 18 **Kinetics to Equilibrium in Understanding the Chemical Processes.** Delivered at the *A/L Teachers Workshop on "Frontiers in Chemistry"*. Organized by the Department of Chemistry, University of Colombo, in collaboration with the Section E₂ of the Sri Lanka Association for the Advancement of Science, November 06 - 07, 2003, Colombo
- 17 **HPLC, GC - Chromatographic Methods of Analysis.** Delivered at *Prof. R.S. Ramakrishna Memorial Training Seminar on "Modern Analytical Methods"*. Organized by the Institute of Chemistry, January 03, 2003, Colombo.
- 16 **Science Knowledge.** Delivered at the *Workshop on Science for the Needs of the New Millennium: The Young Scientists Perspective* at the 58th Annual sessions of the Sri Lanka Association for the Advancement of Science, December 05, 2002, Colombo.
- 15 **Indoor Air Pollution.** Delivered at the *Trainers Training Programme on Air Quality Management*. Organized by the Air Resource Management Center, Ministry of Environment and Natural Resources, November 30 – December 01, 2002, Colombo.
- 14 **Supercritical Fluids. Are They Super?** Delivered at the 31st annual sessions of the Institute of Chemistry, Ceylon, June 19 - 21, 2002, Colombo.
- 13 **Indoor Air Organic Pollutants.** Delivered at the *Workshop on Environmental Organic Chemistry*. Organized by the Postgraduate Institute of Science in collaboration with the Ministry of Environment and Natural Resources, University of Peradeniya, Kandy, January 18 - 20, 25 - 27, 2002, Kandy.
- 12 **Environmental Tobacco Smoke.** Delivered at the *Workshop on Environmental Organic Chemistry*. Organized by the Postgraduate Institute of Science in collaboration with the Ministry of Environment and Natural Resources, University of Peradeniya, Kandy, January 18-20, 25 - 27, 2002, Kandy.
- 11 **Sample Preparation for GC and HPLC.** Delivered at the *Workshop on Training in chromatography techniques*. Organized by the SGS Lanka Laboratory Services, Colombo, March 27, 2002, Colombo.
- 10 **MSDS as a Tool to Identify Hazardous Chemicals.** Delivered at the *Training Seminars on Safety in Chemical Laboratories, A Need in the New Millennium*. Organized by the Institute of Chemistry, Ceylon, November 23, 2001, Colombo.

- 09 **Indoor Air Pollution.** Delivered at the *Regional Training Program on Management of Natural Resources*. Organized by Postgraduate Institute of Science, University of Peradeniya, Kandy, October 03 –November 03, 2001, Kandy.
- 08 **Are We Safe in Indoors?** Organized by the Faculty of Applied Science, University of Sabaragamuwa, Buttala. April 19, 2001. Buttala.
- 07 **Our Air Quality Problems and What Can We Do About Them.** Delivered at the *Workshop on Acid Rain Monitoring & Air Quality Monitoring and Management*. Organized by the Postgraduate Institute of Science, University of Peradeniya, Kandy, February 12 - 15, 2001, Kandy.
- 06 **Creating an Environmentally Friendly Workplace - Air Pollution and Monitoring.** Delivered at the *Training Seminars on Towards a Cleaner Industrial Environment in the New Millennium*. Organized by the Institute of Chemistry, Ceylon, January 20, 2001, Colombo
- 05 **Chemistry of d-block Elements and Their Relevance.** Delivered at the *A/L Teachers Training Program*. Organized by the Department of Chemistry, University of Colombo, June 12 - 13, 2000, Colombo
- 04 **Passive Smoking.** Delivered at the *Panel Discussion on Environmental Research and Activities for National Development*. Organized by Institute of Chemistry, Ceylon, April 22, 1999, Colombo.
- 03 **You Smoke + We Inhale = Passive Smoking.** Organized by the Chemical Society, University of Colombo, July 22, 1998, Colombo.
- 02 **Chemistry of Atmosphere and Atmospheric Pollution.** Delivered at the *Workshop on Chemical aspects of Environment*. Organized by Environment Committee of the Sri Lanka Association for the Advancement of Science, August 21 - 22, 1997, Colombo.
- 01 **Indoor Air Quality.** Delivered at the *Theme Seminars on Chemistry for Healthy Living Environment* in the 26th annual session and 56th celebration of Institute of Chemistry, Ceylon, June 12, 1997, Colombo.

SCHOOL SEMINARS AND LECTURES:

- 74 Princes of Wales College, Moratuwa on 10/03/2020 (*Science Day 2020*).
- 73 Yasodara Devi Balika Vidyalaya, Gampaha on 08/11/2019 (*Award Ceremony 2019*).
72. Nalanda College, Colombo on 04/11/19 (*Science Day Award Ceremony 2019*)
- 71 Yasodara Devi Balika Vidyalaya, Gampaha on 08/03/2019.
- 70 St Vincent Girls High School, Batticaloa on 05/03/2018
- 69 Devi Balika Vidyalaya, Colombo on 27/02/2018.
- 68 De Mazenod College, Kandana on 26/07/2017.
- 67 Bandaranayke Vidyalaya, Gampaha on 22/05/2017.
- 66 Ananda College, Caolombo on 22/06/2016. (*Nenasara Award Ceremony 2016*)
- 65 Bandaranayke Vidyalaya, Gampaha on 07/10/2015.
- 64 Princes of Wales College, Moratuwa on 21/05/2015.
- 63 Saranath College, Kuliypitiya on 23/01/2015 (*Science Day 2015*).
- 62 Bandaranayake Vidyalaya, Gampaha on 21/01/2015 (*Science Day 2015*).

- 61 Maliyadewa Balika Vidyalaya, Kurunegala on 27/11/2014.
- 60 Royal College, Colombo on 01/10/2014.
- 59 Ananda College, Colombo on 05/07/2014.
- 58 Richmond College, Galle on 24/06/2014.
- 57 Thaxila College, Horana on 07/03/2014.
- 56 Lyceum International School, Nugegoda on 10/02/14.
- 55 Kirindiwela Central, Kirindiwela on 30/01/14 (*Science Day 2014*).
- 54 Mahinda Rajapaksha Vidyalaya, Homagama on 10/12/2013.
- 53 Visakha Vidyalaya, Colombo on 03/12/2013.
- 52 Kandy Girls High School, Kandy on 14/11/2013.
- 51 Carey College, Colombo on 28/10/2013 (*Science Day, 2013*).
- 50 Ratnawali Balika Vidyalaya, Gampaha on 19/03/2013 (*Price Giving 2013*).
- 49 St. Peter's College, Bambalapitiya on 14/03/2013.
- 48 Thaxila College, Horana on 21/02/2013.
- 47 Lyceum International School, Nugegoda on 18/02/13.
- 46 St. Joseph's Girls School, Nugegoda on 08/02/2013 (*Science Day 2013*).
- 45 Bandaranayake Vidyalaya, Gampaha on 31/01/2013.
- 44 Yasodara Devi Balika Vidyalaya, Gampaha on 16/11/2012 (*Price Giving 2012*).
- 43 Yasodara Devi Balika Vidyalaya, Gampaha on 01/11/2012.
- 42 Ratnawali Balika Vidyalaya, Gampaha on 11/10/2012.
- 41 Yakkala Chandrajothi Vidyalaya, Gampaha on 05/10/2012.
- 40 Thaksila College, Gampaha on 28/09/2012 (*Prize Giving, 2010 - 2011*).
- 39 Presbyterian Girls National School, Dehiwala on 06/03/2012 (*Science Day, 2012*).
- 38 Bandaranayake Central College, Veyangoda on 23/02/2012.
- 37 Balangoda Ananda Maithreya Maha Vidyalaya on 16/02/2012.
- 36 Vihara Maha Devi Balika Vidyalaya, Kiribathgoda on 04/11/2011 (*Science Day, 2011*).
- 35 Newsted College, Negombo on 28/09/2011 (*Science Day, 2011*).
- 34 Hunumulla Central, Divulapitiya on 12/07/2011.
- 33 Holy Family Convent, Dehiwala on 30/06/2011 (*Environmental Day, 2010*).
- 32 Central College, Piliyandala on 09/06/2011.
- 31 Maris Stella College, Negombo on 11/05/2011.
- 30 Colombo International School, Colombo on 17/03/2011.
- 29 Dharmapala Vidyalaya, Pannipitiya on 23/02/2011.
- 28 Bandaranayake Central College, Veyangoda on 11/11/2010.
- 27 Sujatha College, Matara on 15/07/2010 (*Science Day, 2010*).
- 26 Nalanda College, Colombo on 17/05/2010.
- 25 Ratnawali Balika Vidyalaya, Gampaha on 29/04/2010.
- 24 Carey College, Colombo, 12/11/2009 (*Environment Day, 2009*).

- 23 De Mazenod College, Kandana on 22/05/2009 (*Science Day, 2008*).
- 22 Sri Palee Vidyalaya, Horana on 31/10/2008 (*Science Day, 2008*).
- 21 Ratnawali Balika Vidyalaya, Gampaha on 04/07/2008.
- 20 Yasodara Devi Balika Maha Vidyalaya, Gampaha on 15/02/2008 (*Science Day, 2008*).
- 19 Minuwangoda Nalanda Central College (Boys), Minuwangoda, on 11/10/2006 (*Mathematics and Science Day, 2006*).
- 18 Royal College, Colombo on 27/03/2006.
- 17 Aluthgama Maha Vidyalaya, Aluthgama on 29/11/2005 (*Science and Technology Day, 2005*).
- 16 Bishops College, Colombo on 07/10/2005.
- 15 Yasodara Devi Balika Maha Vidyalaya, Gampaha on 23/07/2005 (*Science Day, 2005*).
- 14 Thurston College, Colombo on 15/10/2004 (*Environment Day, 2004*).
- 13 Holy Family Balika Vidyalaya, Marawila on 02/10/2003 (*Science Day, 2003*).
- 12 Ratnawali Balika Vidyalaya, Gampaha on 01/10/2003 (*Science Day, 2003*).
- 11 Devi Balika Vidyalaya, Colombo on 26/06/2001.
- 10 Galnewa Madhya Maha Vidyalaya, Galnewa on 30/05/2001.
- 09 Ananda College, Colombo on 06/05/2001.
- 08 Mahanama College, Colombo on 27/09/2000.
- 07 Ananda College, Colombo on 26/07/2000.
- 06 Badulla Central, Badulla on 14/06/2000.
- 05 Ehaliyagoda Madhya Maha Vidyalaya, Ehaliyagoda on 22/03/00 (*Science Day, 2000*).
- 04 Southlands College, Galle on 22/10/1999.
- 03 Ananda College, Colombo on 11/03/99 (*Chemistry Day, 1999*).
- 02 Sirimavo Bandaranaike Vidyalaya, Colombo on 20/10/1998.
- 01 St. Mary's Maha Vidyalaya, Matugama on 01/07/98 (*Science Day, 1998*).

PROGRAMS CONDUCTED:

- 17 Presided the Session on Air Quality Monitoring, Modelling and Emission Inventory at the Sixth National Symposium on Air Resource Management in Sri Lanka, Air that WE Breathe 2016, 5-6th May 2016, Colombo.
- 16 Presided the Postgraduate Research Session at the Annual Research Symposium 2015 of the Faculty of Graduate Studies, 25th October 2015, Colombo.
- 15 Co-chaired the Session on *Pharmaceutical Sciences and Technology* at the World Congress on Pharmaceutical Sciences and Technology, 17th December 2013, Colombo.
- 14 Presided the Session on *Indoor Air Pollution* at the Air That We Breathe, Fifth National Symposium on Air Resource Management in Sri Lanka, 11th May 2012, Colombo.
- 13 Moderated the Panel Discussion on *Solid Waste Disposal: Barriers for a Solution*. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science, 24th May 2006, Colombo.

- 12 Presided the Awareness Programme on *Noise Pollution*. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science, 24th November 2005, Colombo.
- 11 Presided the Workshop on the *Role of Media on Conservation of Upper Watershed Management Areas and Related Environmental Issues*. Organized by the Media Resource Services and the Environment Committee of the Sri Lanka Association for the Advancement of Science in Collaboration with Upper Watershed Management Project of the Ministry of Environment and Natural Resources 25th October 2005, Colombo.
- 10 Presided the Session on *Indoor Air Pollution* at the Air That We Breathe, Second National Symposium on Air Resource Management in Sri Lanka, 17th March 2006, Colombo.
- 09 Presided the Awareness Programme on *Persistent Organic Pollutants to the Executive and Supervisory Grade Staff in Industry*. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science, 02nd September 2005, Colombo.
- 08 Presided the Awareness Programme on the *Kyoto Protocol*. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science in Collaboration with the Ministry of Environment and Natural Resources, 05th May 2005, Colombo.
- 07 Presided the discussion on *Will Water be a Looming Crisis in Sri Lanka in 2025?* in commemoration of the World Water Day 2005. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science, 22nd March 2005, Colombo.
- 06 Presided the Session on *Air Pollution and Public Health* at the Air That We Breathe, First National Symposium on Air Resource Management in Sri Lanka, 02nd – 03rd December 2004, Colombo.
- 05 Presided the Discussion on *Role of Provincial Councils/Local Authorities in Air Pollution Management*. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science in Collaboration with Waste Management Authority of Western Province Council, 27th July 2004, Colombo.
- 04 Presided the Workshop on *Industrial Effluents*. Organized by the Environment Committee and Section E₂ of the Sri Lanka Association for the Advancement of Science, 26th March 2004, Matara.
- 03 Presided the Awareness Workshop for NGOs, Farmer and Consumer Organizations on *Genetically Modified Food (GMF) Genetically Modified Organisms (GMO) and Biosafety*. Organized by the Media Resource Services and the Environment Committee of the Sri Lanka Association for the Advancement of Science in Collaboration with National Biosafety Framework, 28th October 2003, Colombo.
- 02 Moderated the Panel Discussion on *Depletion of Ozone Layer and Climate Change*. Organized by the Environment Committee and the Media Resource Services of the Sri Lanka Association for the Advancement of Science in Collaboration with the National Ozone Unit, Ministry of Environment and Natural Resources, 22nd October 2003, Colombo.
- 01 Presided the *Dengue Awareness and Prevention Program for the Teachers and School Children in Gampaha District*. Organized by the Environment Committee of the Sri Lanka Association for the Advancement of Science, 12th July 2002, Gampaha.
