



# Indian Association For Air Pollution Control

(Delhi Chapter)

**IAAPC Cares for the air we breathe.**

**IAAPC IS THE FIRST  
ASSOCIATION OF EXPERTS OF AIR POLLUTION  
RELATED ISSUES IN INDIA  
(ESTABLISHED IN 1976)**



# ◆ ABOUT IAAPC

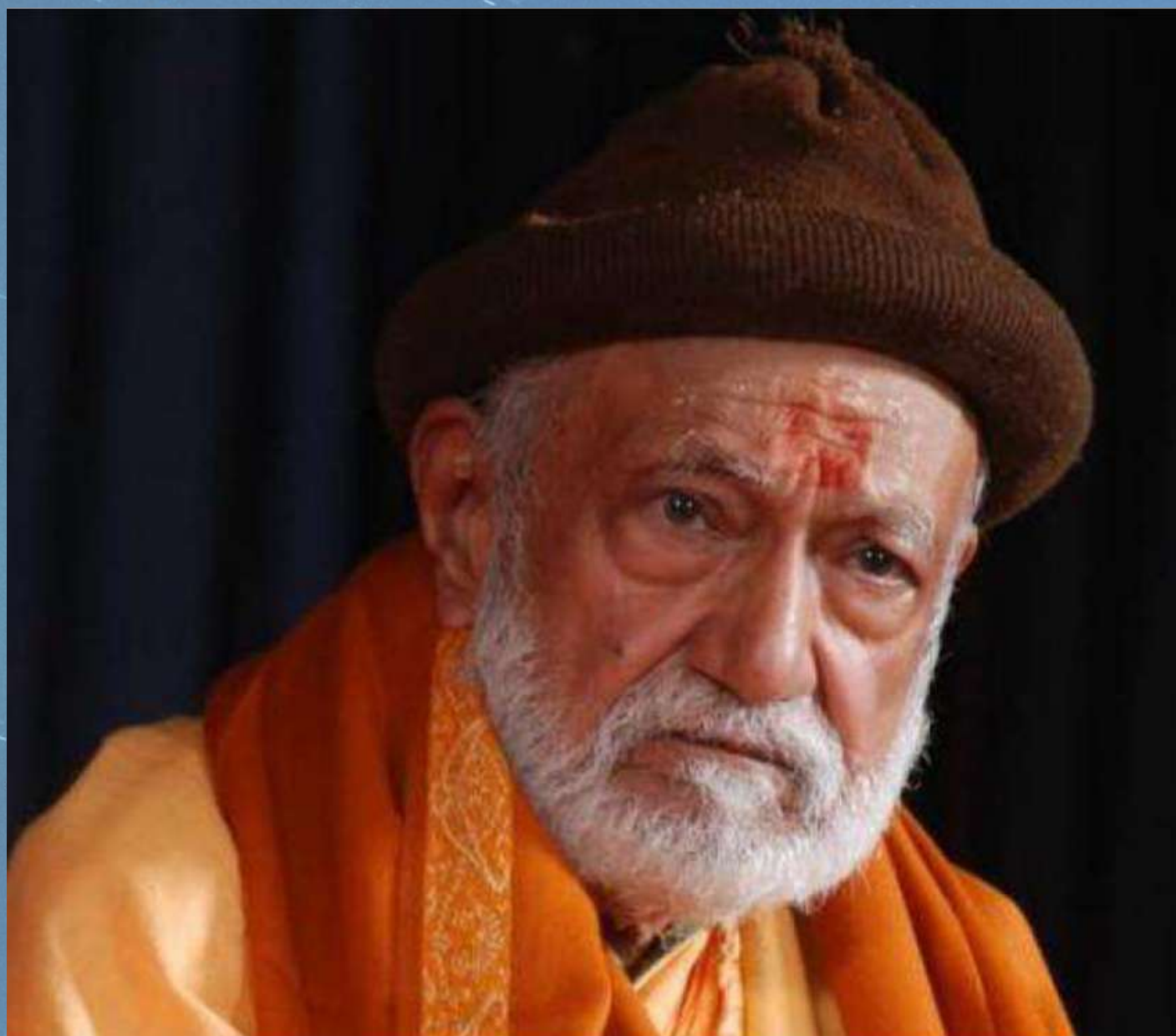
The **Indian Association for Air Pollution Control (IAAPC)** was formed in Banaras Hindu University on 18<sup>th</sup> September 1976 by Prof Chandra Prakash (President), Deptt. of Chemical Engineering BHU, Prof G.D. Agrawal (Vice President), IIT Kanpur and Prof Rao (Joint Vice President), Deptt. of Botany, BHU and Mr. Surendra Kumar (General Secretary), BHU during a conference. The activities of IAAPC were shifted to Delhi in 1980-1981, after Prof. G. D. Agrawal became the Member Secretary of Central Pollution Control Board (CPCB). IAAPC was formally registered in Delhi under the Societies Registration Act 1860 on the 3<sup>rd</sup> September 1985. The Indian Journal of Air Pollution Control (IJAPC) was published by IAAPC since 1978.

## **Vision and Mission**

- 1.** Disseminate useful knowledge regarding air pollution measurement, impact assessment, control and management to all stakeholders;
- 2.** Skill development and strengthening the capability of environmental professionals working in the field of air pollution;
- 3.** Provide a platform to environmental professionals working in the field of air pollution to share their views and address their grievances;
- 4.** Encourage scientific research on air pollution measurements, impact assessment, and control through distribution of awards and citations, publication of research articles and research papers.
- 5.** Participate in training programs, seminars, workshops and conferences for updating knowledge and latest developments in the field of air pollution;
- 6.** Effectively communicate with regulatory authorities, tribunals, courts, research, academic and other institutions for the overall benefit of society.







**Prof G D Agrawal,  
Founder of IAAPC –  
Our Mentor and Guiding  
Force**



**Padmashri to Prof Dilip Biswas (2007)**

President IAAPC-Delhi Chapter (2004-2008)



**Prof Dilip Biswas**



# Aims & objectives

To promote an understanding of the air environment and of its pollution, its effects on human beings, animals, plants and materials and of the abatement and control of such pollution.

Publishing the “Indian Journal of Air Pollution Control” and such other publication as may be considered desirable;

To provide an active and effective forum for exchange of views and information about the air environment, and its conservation among its members, and help to educate the general public and create mass awareness for air pollution control.

Disseminate useful knowledge regarding air pollution measurement, impact assessment, control and management to all stakeholders

To promote objectivity, professionalism and fellow feelings amongst various groups and individuals involved in air pollution Control.

Organizing meetings, seminars, symposia, excursions, etc at local regional and national and international levels;

Establishing and maintaining liaison with international, national and other agencies (whether government or otherwise) in the interest of fulfillment of its objectives

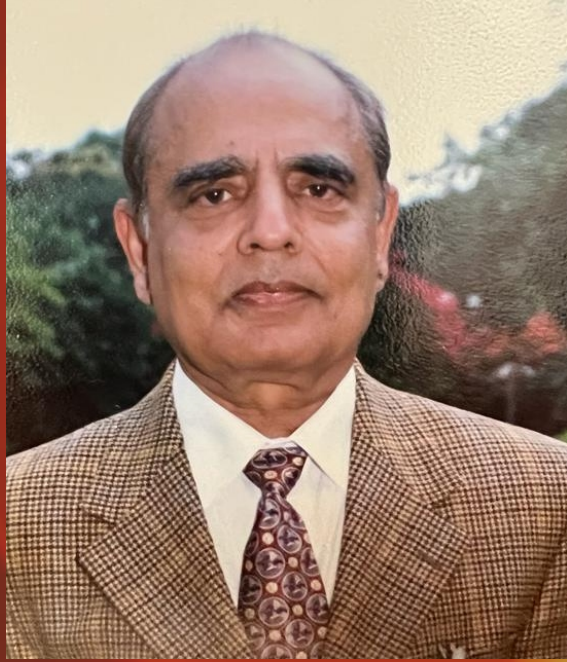
Organizing training courses, conducting examination and awarding certificates and diplomas in various aspects on various aspects of air pollution and its control;

Developing and managing funds, endowments and properties of the Association for the promotion of its objectives

Instituting scholarships, prizes and honorary awards considered helpful in fulfillment of its objectives



# **PAST PRESIDENTS OF IAAPC-DC**



**Prof. Chandra B. Prakash**  
**Founding President**



**Prof. J.M. Dave, Former Dean-School of  
Environmental Sciences, JNU Delhi**



**Prof Dilip Biswas, Former Chairman- Central  
Pollution Control Board, Delhi**



**Er. Paritosh Tyagi, Former Chairman- Central  
Pollution Control Board, Delhi**



**Dr A. L. Agarwal, Former Dy Director,  
CSIR-NEERI**



**Dr. B. Sengupta, Former Member Secretary -  
Central Pollution Control Board, Delhi**



# Profile of Executive Committee

Position	Name	Affiliations
Patrons of IAAPC-Delhi Chapter	Er P. C, Tyagi	Former Chairman, Central Pollution Control Board, Govt of India, HQ Delhi
	Prof C. K. Varshney	Professor Emeritus Ecology & Environmental Science, Former Prof & Dean, School of Environmental Sciences, JNU, Delhi Fellow- Indian Association for Air Pollution Control
	Prof A. L. Aggarwal	Former Dy Director & Head Air Pollution Division, CSIR-NEERI, Nagpur Former Emeritus Prof, Environmental Engg, Indian School of Mines, (now IIT) Dhanbad
	Dr B. Sengupta	Former Member Secretary, Central Pollution Control Board, Govt of India, Delhi Worked as Environmental Scientist in CPCB for 30 years (March 1979 – November 2008)
Advisor	Dr Rakesh Kumar	Former Director, CSIR-NEERI, CSIR-HQ, New Delhi
	Shri S.K. Gupta	Chairman, Envirotech Instrument Pvt. Ltd., New Delhi
President	Dr. Jitendra Swarup Sharma MSc, PhD - Chemistry	Former Group GM - ONGC Member EAC (Industry-2) MOEF&CC Member NABET Accreditation Committe
Vice Presidents	Dr. Jeewan Prakash Gupta Btech, MTech, PhD-Engineering	Former Chairman, EAC (Ind-2) -MOEFCC Former MD - Jubilant Organosys
	Prof. Vijay Kumar Minocha BE, MTech - Civil Engineering PhD - Engineering	Prof & Head, Civil Engg Dept, Delhi Technological University, Former Director (CP), MOEFCC Former Engineer CPCB
	Dr. Sanjeev Kumar Goyal BE – Pulp & Paper ME – Chemical Engineering PhD – Engineering	Chief Scientist & Head CSIR-NEERI Delhi Zonal Centre Naraina, New Delhi 110028
	Dr. Randeep Singh Saini BE - Civil Engineering ME - Environmental Engineering	CEO, Green Economy Initiatives Pvt Ltd, Mohali Lead Assessor – NABL
General Secretary	Dr. Shankar Gopal Aggarwal PhD, Air Quality Measurements and Instrumentation, Aerosol and Gas Metrology	Sr. Principal Scientist CSIR-National Physical Laboratory, New Dlehi
Joint Secretary	Mr. Abhijit Pathak MSc - Oceanography, Marine & Atmospheric Science	Senior Scientist, Central Pollution Control Board, CPCB- HQ Delhi (Govt of India)



<b>Treasurer</b>	Dr. Rajendra Prasad MSc - Chemistry PhD - Chemical Engineering	CEO, Ecotech Instruments Lead Assessor, NABL
<b>Chief Editor</b>	Dr. Padam Babu Rastogi MSc - Zoology PhD – Environ Toxicology	Former Advisor MoEF&CC, Govt of India
<b>Editor</b>	Dr. Sushil Kumar Tyagi MSc, PhD – Chemistry	Former Addl Director, CPCB, Govt of India Lead Assessor, NABL
	Dr. (Mrs ) Archana Yadav MSc, PhD – Botany	Former Scientist at NBRI & ONGC
<b>Executive Committee Members</b>	Dr. Mrs Harjinder Kaur Parwana MSc, PhD – Chemistry	Former Senior Scientist, Punjab SPCB Lead Assessor, NABET-QCI
	Dr. Manoj Kumar Gupta MSc, PhD – Chemistry	Director, Central Pulp and Paper Research Institute, Saharanpur
	Prof. Bholu Ram Gurjar BE, ME - Civil Engineering PhD – Engineering (Risk Analysis)	Professor, Civil Engg. Dept. IIT Roorkee
	Prof. (Mrs) Ranu Gadi MSc, PhD - Chemistry	Indira Gandhi Delhi Technical University for Women, Delhi
	Prof. Ajay Taneja MSc, PhD – Chemistry	Prof and Head, Dept of Chemistry B R Ambedkar University, Agra
	Dr. (Ms) Marisha Sharma BTech – Civil Engineering M Plan- Environment PhD – Hydrogeology	Technical Manager, Min Mec R&R Lab Govt Analyst Certified Energy Auditor
<b>Regional Representative North</b>	Prof Rajeev K Srivastava MSc - Environmental Science PhD - Chemical Engg	Prof & Head, Dept of Environmental Science, GB Pant Agriculture & Technology University, Pantnagar, Uttarakhand Chairman SEAC (EIA)- Uttarakhand
<b>Regional Representative South</b>	Prof Paromita Chakraborty MSc - Marine Science PhD - Natural Sciences	Associate Prof , Dept of Chemical Engg Leader of Environmental Science & Technology Research Group SRM Institute of Science & Technology, Kattankulathur, Chennai
<b>Regional Representative East</b>	Prof Amitava Bandyopadhyay BTech, MTech, PhD - Chemical Engineering	Professor, Dept of Chemical Engineering, University College of Science & Technology, University of Calcutta, Former Sr. Environmental Engineer, West Bengal Pollution Control Board, Former Member, State EIA Authority-Jharkhand



Regional Representative North East	Dr Rafiqua Ahmed MSc - Chemistry PhD - Environmental Sciences	Former Chief Environmental Scientist, Assam Pollution Control Board, Former Member State EIA Committee (SEAC)- Assam
Regional Representative Central	Prof Manas Kanti Deb MSc, PhD - Chemistry	Prof and Head, School of Environmental Science, Pt Ravishankar Shukla University, Raipur, Chhattisgarh
Regional Representative West	Er Ghanshyam Das Maheshwari BE - Civil Engineering ME - Environmental Engineering	Former GM-Technology Management, Steel Authority of India Limited SAIL - R&D Centre for Iron & Steel- Ranchi

Photographs of present Executive Committee members  
and regional representatives



Dr. J.S. Sharma



Dr. J P Gupta



Prof. V. K Minocha



Dr S. K Goyal



Dr R. S Saini



Mr. Abhijit Pathak



Dr. Shankar Gopal Aggarwal



Dr. Rajendra Prasad



Dr. Mrs H.K Parwana



Dr. M. K Gupta



Prof. B. R Gurjar



Prof. (Mrs) Ranu Gadi



Prof. Ajay Taneja



Dr. (Ms) Marisha Sharma



Er G.D Maheshwari



Prof Amitava Bandyopadhyay



Prof Rajeev K Srivastava



Prof Manas Kanti Deb



Prof Paromita Chakraborty



Dr Rafiqua Ahmed



Dr. Padam Babu Rastogi



Dr. S K tyagi



Dr. (Mrs ) Archana Yadav



# Events organized by IAAPC-DC

**Following seminars and workshops by IAAPC-DC made very useful contribution in creating awareness and policy formulations for monitoring, control & management of air quality in India.**

(1) Fine Dust Management in Metropolis	2001
(2) Ambient Air Quality standards	2002
(3) Training course on Air Quality Modelling	2003
(4) VOC – Fugitive emissions	2003
(5) Urban Air Pollution Monitoring & Management	2003
(6) Effectiveness of PUC to control vehicular pollution	2004
(7) Evaluation of Indian Experiences in Air Quality Monitoring & data interpretation	2005
(8) Noise Pollution	2006
(9) Air Pollution problems due to burning of Agricultural residues	2006
(10) Utilization of Air Quality Data	2007
(11) HAP's – Hazardous Air Pollutant	2008
(12) Evolving strategies for improving Air quality of Indian cities	2008
(13) Recent advances in the field of air quality management	2008
(14) Air Pollution & Human Health	2008
(15) Air Quality Criteria to identify Good Habitats	2008
(16) Air & Noise pollution and its Effect on Human Health	2011
(17) Indoor Air Quality	2014
(18) Black Carbon/PM2.5 Measurement, Impact And Control	2014
(19) Delhi Air Quality- Issues and Options for Improvement	2015
(20) Gaps & Challenges in Air Quality Study for Preparation of EIA Report	2016
(21) Impact of Air Pollution on Monuments and Its Preservation	2018
(22) Air Pollution & Health Linkage: Guidelines for Impact Assessment	2019
(23) Short Term & Long Term Solutions for Restoring the Air Quality in Delhi & NCR	2019
(24) Reminiscence of Late Prof Guru Das Agrawal, Founding Member IAAPC)	2019
(25) Criterion for Air Quality Measurement Devices (with NPL)	2020
(26) Discussion on Draft EIA Notification – March 2020	2020
(27) Review of National Ambient Air Quality Standards -2009	2020





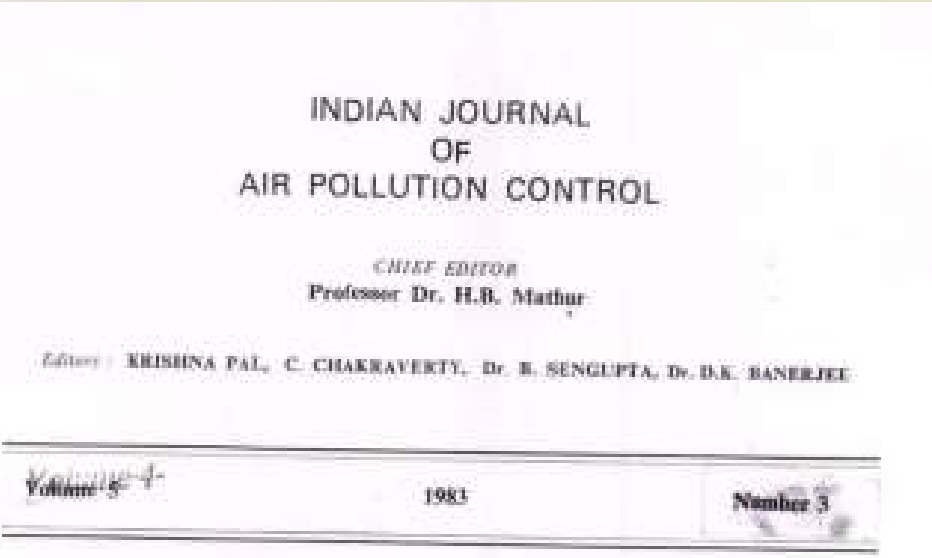
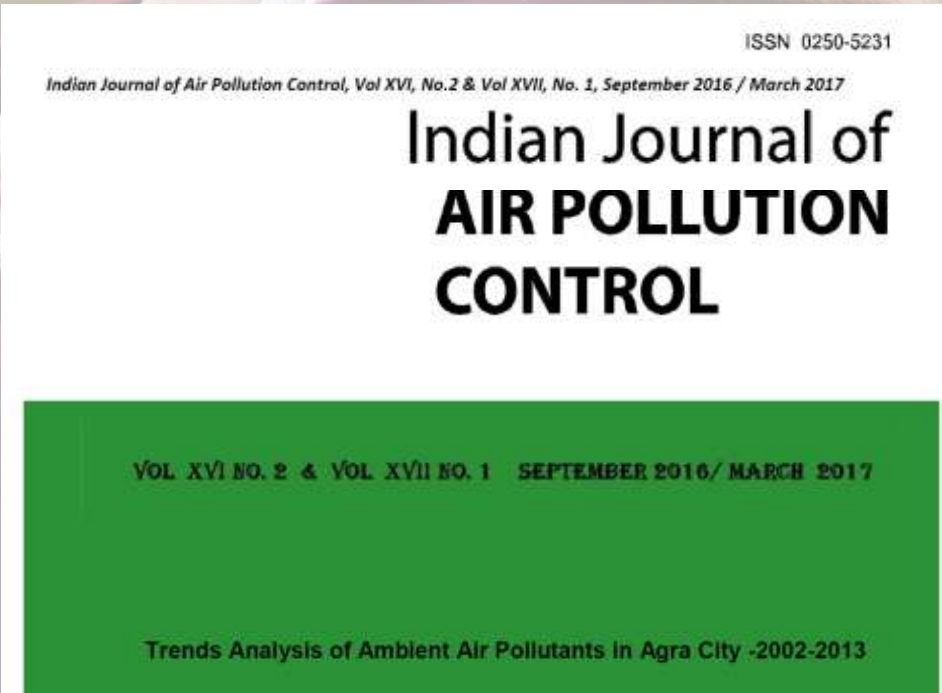
Annual Event: Central Pollution Control Board remained the main guiding force for IAAPC Delhi Chapter. IAAPC and CPCB jointly organizes an annual event on 23rd September every year, to commemorate the Foundation Day of CPCB. Prof. Nilay Chaudhary Memorial Lecture is organized in memory of the first Chairman of CPCB.

## Following eminent persons have delivered the Prof. Nilay Chaudhary Memorial Lecture:-

1. Prof. J. M. Dave, Former Dean, SES, JNU New Delhi
2. (Late) Prof. S. J. Arceivala, Expert on Wastewater Treatment
3. Prof. Rashid Ahmed Siddiqi, AMU, Aligarh
4. Dr. K R Ranganathan, Former MS, CPCB
5. Shri. Rajinder Singh, Magsaysay Awardee (Waterman of India)
6. Prof. Vinod Tare, IIT Kanpur
7. Shri Paritosh Tyagi, Former Chairman CPCB
8. (Late) Dr. Ragini Behn, Banwasi Sewa Ashram, Renukoot
9. (Late) Shri Subir Raha, Former Chairman and MD, ONGC
10. Ms. Sunita Narain, DG, CSE New Delhi
11. Prof. A.K. Maitra, Former Director, School of Planning & Architecture, New Delhi
12. Prof. Amita Athavale, Pulmonologist, KEM Hospital, Mumbai
13. Smt. Menaka Gandhi, Indian Politician and Animal Rights Activist
14. Justice Swatantra Kumar, Chairman NGT

# Indian Journal of Air Pollution Control

The Indian Journal of Air Pollution Control (IJAPC) was first published by IAAPC in the year 1978. The Journal is now published twice a year by IAAPC– DC. The 8-digit International Standard Serial Number of the Journal (ISSN) is 0250 5231.





# Memories of IAAPC

The Indian Association for Air Pollution Control (IAAPC) was formed on 18th September 1976 by Prof G.D.Agrawal (then Prof at IIT Kanpur) and Prof D.N.Rao, Dept of Botany, BHU. IAAPC was formally registered in Delhi on the 3rd September 1985 vide Registration No. S/15993. The Registered address of IAAPC was c/o CPCB, 6th Floor, Skylark Building, 60, Nehru Place, New Delhi 110019. The first annual convention of IAAPC was organized during Nov 23-25, 1983 at IIT Delhi. The name of first Executive Committee for year 1983 is given below.

1.	Prof J.M.Dave, School of Environmental Sciences JU (President)
2.	Prof G.D.Agarwal, Member Secretary, Central Pollution Control Board, Delhi (National Vice President)
3.	Prof D.N.Rao, Dept of Botany, BHU, Banaras (Vice President)
4.	Dr. R.C.Trivedi, Advisor, Govt of Gujarat (Vice President)
5.	Mr. Y.R.Pakkala, DGM RCF Chembur, Bombay (Vice President)
6.	Mr. A.P.Roy, Chief Design Engineer, MECON, Ranchi (Vice President)
7.	Prof H.B.Mathur, Dept of Mechanical Engg, IIT Delhi (Secretary General and Chief Editor )
8.	Dr. B.Sengupta, Scientist, Central Pollution Control Board, Delhi (Secretary and Editor)
9.	Prof D.K.Banerjee, School of Environmental Sciences JNU
10.	Mr. Chiranjeev Chakraborty, NTPC (Secretary and Editor)
11.	Dr Krishan Pal, IIT-Delhi (Secretary and Editor)
12.	Mr. V.S.More, Sr. Manager, Indian Oil Corporation Ltd. (Treasurer)
13.	Mr. S.K.Gupta, Envirotech (Co-Treasurer)
14.	Mr. H C Sharma, Nangal Fertilizers (Member)
15.	V K K Swami, SIDO, New Delhi (Member)
16.	Dr C.K.Varshney, School of Environmental Sciences, JNU (Member)
17.	Prof H V Bhavnani, Dept of Botany, MS University, Vadodara (Member)
18.	Dr B.K.D Agarwal, BHU, Banaras (Member)
19.	Dr. M.M.Lal, Scientist, Indian Toxicology Research Centre, Lucknow (Member)
20.	Mr. M.L. Prabhakar, Member Secretary, Haryana Pollution Control Board, Chandigarh (Member)

## Membership

IAAPC – Delhi Chapter is a unique body of professionals in the field of air pollution measurement, control and management. It is playing a constructive role in the society. It has more than 600 eminent person enrolled as Life Member. The Life Members of IAAPC represents “Presence Across Nation (PAN INDIA)” from various subject background ranging from all branches of Engineering, Meteorology, Physical and Biological Sciences, Toxicology and Social Sciences. The membership of IAAPC – Delhi Chapter is open to all Institutions and individuals from all over the world, interested in contributing to the objectives of the Association. The membership form and other details are available in the website.



# Excerpts of Messages

## **Dr B. Sengupta : Patron**

The new Committee may take-up in following areas of work beside the routine activities to benefit the society in general:-

- i) Provide comments/suggestions on all draft standards issued by MoEF&CC / CPCB, namely AAQS, emission standards for industries, fuel quality standards, policies on clean coal technologies, fuel policy, air pollution control from SSI units, green belt guidelines etc.,
- ii) Publish case studies on success stories on Air Pollution Control in its newsletter and Journal, Give constructive comments and suggestions on technical decisions taken by SEIAA / EAC on various projects on air pollution management, based on Minutes of meeting available at public domain.

## **Dr J.S. Sharma : President**

IAAPC believe that it is our prime responsibility to continue being involved in providing sustainable solution to the challenging Air Pollution problems and develop robust environmental solutions that target productive and sustainable use of natural resources besides providing recent update on current technological developments, innovations including regulatory issues. Further, to address and implement air pollution prevention minimization programs in urban and industrial sectors, IAAPC shall focus on promoting Government and Private sector initiatives and strengthen local, regional and national capabilities on Air Quality Management.

## **Dr S.G. Aggarwal : General Secretary**

Low-carbon fuels energy gases, called renewable gaseous fuels such as non-fossil natural gases, biogases, and hydrogen are expected to play a pivotal role in helping to meet carbon emission neutral objectives as per India's commitment in COP26. The major components of these gases are methane and hydrogen, which have different physical and chemical properties compared to air. Among this, hydrogen has been promoted as a clean fuel alternative, offering improved air quality and reduced noise, and contributing towards climate and energy targets. This is a new topic on which IAAPC has been focusing and initiating several programs.

## **Dr R. Prasad : Treasurer**

Bringing out a NEWS LETTER and registration of Flagship Journal (IJAPC) are our immediate targets. Linking of air quality with "Right to Life" need to be propagated on top priority. IAAPC proposes multiple verticals on training, organizing lectures and technological solutions for air pollution measurement, control and management.



**President / General Secretary**

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