

PROFESSOR (DR.) A.K. BAKHSI

Professor A.K. Bakhshi is **Director** of the **Institute of Lifelong Learning (ILL)** and also of the **Centre for Professional Development in Higher Education (CPDHE)** of the University of Delhi. He is also a Professor of Physical Chemistry in the University of Delhi where he holds the prestigious **Sir Shankar Lal Chair of Chemistry** of Delhi University since 1996. A **double gold medalist**, Dr. Bakhshi had his postdoctoral training at the University of Erlangen-Nurnberg, Germany with Prof. J. Ladik and at the Kyoto University and the Institute of Fundamental Chemistry, Kyoto, Japan with **Professor K. Fukui, the Nobel Laureate** and Prof. T.Yamabe. He has also been a **Visiting Scientist** at the **TIFR, Bombay** and the **Indian Institute of Science, Bangalore**.

Prof. Bakhshi's research interests include theoretical polymer chemistry with special reference to electrically conducting polymers and biopolymers. **He is the author/coauthor of more than 120 research and education articles, three books and one patent. He has made very significant contributions in his areas of research.** Many students have obtained their Ph.D/M.Phil under his guidance.

Prof. Bakhshi has been the recipient of **several awards and academic honours**. These include among others:-

- **Fellowship of the IUPAC;**
- **Chemical Research Society of India (CRSI) Medal;**
- **JSPS Fellowship of Japan;**
- **INSA Research Fellowship;**
- **Best Paper Award in the field of Chemical Sciences from DAAD;**
- **Visiting Associateships of the UGC and CSIR;**
- **Science Exhibition Awards of Delhi University;**
- **Prof. R.P. Mitra Gold Medal;**
- **Distinguished Teacher Award;**
- **Fellowship of the National Academy of Sciences (FNASc);**
- **DAAD Fellowship of Germany;**
- **UGC Career Award;**
- **Punjab State Council for Science and Technology Award;**
- **Young Chemist Award;**
- **Visiting Fellowships of DAAD;**
- **Dr. Krishan Rao Gold Medal etc.**

Prof. Bakhshi has delivered many **Invited Talks/Plenary Lectures/Keynote Addresses** at various conferences and institutes both in India and abroad.

He has also **Chaired Technical Sessions** at various national/international conferences. Prof. Bakhshi has also been very actively involved in the **organization** of many **national/international conferences, workshops and seminars**.

Prof. Bakhshi has also been the **Member of the Editorial Boards of the Indian Journal of Chemistry (Section A) and the Journal of Scientific and Industrial Research** published by the CSIR and was also **co-guest editor** of the **special issue** of the **Indian Journal of Chemistry on Conducting Polymers**.

Dr. Bakhshi has been associated with **Academic Bodies (such as Board of Research Studies, Faculty of Science, Programme Experts Committee, School Board, Research Degree Committee etc.)** of many **State and Central Universities**. He has also been on the **Governing Body** of many colleges of the University of Delhi. Prof. Bakhshi has also been part of many **Important Committees of National Importance**. He is/has been among others:-

1. **Chairman of the Content Advisory Committee for Chemistry** of the Ministry of Human Resource Development (MHRD) for their project **Sakshat: A One Stop Education Portal**;
2. **Chairman of the Working Group for Chemistry and also for Polymer Science** for the establishment of the **National Science Digital Library**, a 10th Five Year Plan network project of the CSIR;
3. **Chairman of the Expert Committee for Revision of the Physical Chemistry syllabus** of the IGNOU;
4. **Convener, CBSE Committee for the Revision of Chemistry Syllabus of the All India Engineering/Architecture Entrance Examination (AIEEE)-2008**;
5. **Member Expert of the various UGC Committees**;
6. Member of the : **World Bank Team of Delhi University Experts for the revival of Kabul University**;
7. **Travel/Symposia Committee of the CSIR** ;
8. Member of the: **Various Selection Committees of CSIR, Central and State Universities, Colleges of the University of Delhi etc.**;
9. **Convener of the Curriculum Development Committee for Chemistry** of the University of Delhi;
10. Member of the : **INSA National Committee of IUPAC**;
11. Member of the : **Committee on Chemistry Education of the IUPAC**;
12. Member of the : **National Writing Team of the NCERT** for writing Class XI and XII **Chemistry Text Books**;
13. Member of the: **University Apex Committee for B.Sc. Programmes** of the University of Delhi;
14. Member of the: **University Purchase Committee for purchase of equipments for upgradation of Science Laboratories of the University of Delhi**.

Prof. Bakhshi has also been very actively associated with the various **academic activities** of the **NCERT, CSIR, UGC, CBSE, and Directorate of Education, All India Radio and Doordarshan** including the **Chief-Editorship of the UGC-sponsored journal Chemistry Education Review**.

Last but not the least, Prof. Bakhshi has also the **distinction of being the first person from the Universities in India** to have been selected as the **Member Scientist** of the “**Third Indian Research Expedition to Antarctica**” in 1984.
