
THE SCIENTIFIC COMMUNITY

1989 INSA Awards

Satyendranath Bose Medal to Prof. Chanchal Kumar Majumdar, Director, S.N. Bose National Centre for Basic Sciences, Calcutta—for work in statistical physics.

Jagdish Chandra Bose Medal to Prof. N. Appaji Rao, Dept of Biochemistry, Indian Institute of Science, Bangalore—for work in enzyme regulation and population studies of inborn errors of metabolism.

Darshan Noshervanji Wadia Medal to Prof. Saurindra Nath Sen, Dept of Geology, Calcutta University, Calcutta—for structural and tectonic interpretation of the Precambrian rocks of Rajasthan.

Syed Hussain Zaheer Medal to Prof. Rajinder Kumar, Dept of Chemical Engineering, Indian Institute of Science, Bangalore—for contributions to analysis of multi-phase systems and design of a very large commercial fluidized bed reactor.

Golden Jubilee Commemoration Medal in Chemical Sciences to Prof. Goverdhan Mehta, Dean, School of Chemistry, University of Hyderabad, Hyderabad—for work in synthesis of strained polycyclic systems and complex bioactive terpenoids.

Golden Jubilee Commemoration Medal in Biological Sciences to Prof. John Barnabas, Head, Division of Biochemical Sciences, National Chemical Laboratory, Pune—for work in molecular evolution.

INSA-Vainu Bappu Memorial Award to Prof. Geoffrey Burbidge, University of California, San Diego, USA—for contributions to understanding of stellar nucleosynthesis, extra-galactic radio sources, high energy astrophysics and quasistellar objects.

INSA Prize for Materials Science to Prof. P. Rama Rao, Director, Defence Metallurgical Research Laboratory, Hyderabad—for contributions to physical and mechanical metallurgy, particularly titanium metallurgy.

Professor L. S. S. Kumar Memorial Award to Dr Daman Saluja, Biochemistry and Molecular

Biology Lab., Dept of Botany, University of Delhi, Delhi—for contributions in plant science.

Bashambar Nath Chopra Lecture to Dr Pushpa Mittra Bhargava, Director, Centre for Cellular and Molecular Biology, Hyderabad—for work on cell growth regulation and seminal plasma.

Professor K. Rangadhama Rao Memorial Lecture to Prof. Mihir Chowdhury, Indian Association for the Cultivation of Science, Calcutta—for work on two-photon processes in biomolecules and dynamics of excited state proton transfer.

Dr D. P. Chatterjee Memorial Lecture to Prof. Ramamurthi Rajaraman, Centre for Theoretical Studies, Indian Institute of Science, Bangalore—for work in a variety of areas in theoretical physics, particularly solitons.

Professor Panchanan Maheshwari Memorial Lecture to Prof. Vishwambar Puri, Professor-Emeritus, Institute of Advanced Studies, Meerut University, Meerut—for contributions in floral morphology.

Dr Nitya Anand Endowment Lecture to Dr Chhitar Mal Gupta, Head, Division of Membrane Biology, Central Drug Research Institute, Lucknow—for work on biomembrane structure and new drug delivery systems.

A.K. Bose Memorial Award (to a recipient of INSA Young Scientist Medal) to Dr Dhruba Jyoti Biswas, Bhabha Atomic Research Centre, Bombay—for work on nonlinear-dynamical behaviour in laser systems.

Hari Om Awards

The UGC has selected ten persons for the Hari Om Ashram Trust Award for 1985 and 1986.

C. V. Raman Award for research in physical sciences to Prof. M. V. George, Indian Institute of Technology, Kanpur, and Prof. J. C. Bhattacharyya, Indian Institute of Astrophysics, Bangalore.

Homi J. Bhabha Award for research in applied sciences to Prof. P. Rama Rao, Defence Metallurgical Research Laboratory, Hyderabad, and Dr K. L. Chopra, Indian Institute of Technology, Kharagpur.

Meghnad Saha Award for research in theoretical sciences to Prof. N. Mukunda, Indian Institute of Science, Bangalore, and Prof. R. P. Bambah, Vice-Chancellor, Punjab University, Chandigarh.

J.C. Bose Award for research in life sciences to Prof. V. Sasisekharan, Indian Institute of Science, Bangalore, and Prof. M. K. Chandrasekharan, Madurai Kamaraj University, Madurai.

Awards in the field of interaction between science and technology and society to Prof. B. M. Udgaonkar, Tata Institute of Fundamental Research, Bombay, and Dr Saroj Ghose, National Council of Science Museums, Calcutta.

The Central Board of Irrigation and Power Jawaharlal Nehru Birth Centenary Year Research Award 1988 was given to Mr Rajesh Chandra, (presently at) Technical Liaison Mission of the Department of Atomic Energy in Paris (formerly Head, Fuel Handling Systems, Reactor Engineering Division, Bhabha Atomic Research Centre, Bombay), for services rendered to the development of nuclear power in India.

UGC Emeritus Fellowships

Prof. L. K. Mahapatra, Utkal University, Bhubaneswar—anthropology; Prof. H. C. Arya, Rajasthan University, Jaipur, and Dr M. M. Bhandari, Jodhpur University, Jodhpur—botany; Prof. M. R. Krishnamurthy, Regional Engineering College, Tiruchirapalli—computer science; Prof. K. S. Viswanathan, Kerala University, Trivandrum, Dr S. Lokanathan, Rajasthan University, Jaipur, and Prof. B. S. Sood, Punjabi University, Patiala—physics; Prof. H. K. Singh, Punjab University, Chandigarh—pharmaceutical science; Prof. B. K. Tikkiwal, Rajasthan University, Jaipur—statistics; Prof. H. B. Devaraj, Mysore University, Mysore—zoology; Prof. P. C. Pandeya, Jiwaji University, Gwalior—environmental science.

B. P. Pal passes away

Benjamin Peary Pal, well-known agricultural scientist and former Director-General of the Indian Council of Agricultural Research, died on 14 September. Prof. Pal made many important contributions in plant breeding. He was a fellow of the Royal Society, Indian Academy of Sciences and Indian National Science Academy, Honorary Fellow of the Linnaean Society, and foreign member of the Genetic Society of Japan and Academie Agriculture de France.
