



**Dr. K. V. Rao Scientific Society**

**Annual Science Awards**

**2002-03**

## **A Brief about the Society, its Aims and Objectives and the Annual Functions conducted by the Society**

### ➤ **About Dr.K.V.Rao**

**Dr.K.V.Rao**, D.Sc., retired Superintending Chemist, Geological Survey of India, is a person of knowledge, skills and perseverance and encouraged young scientists for continued research. His works on defluoridation and pollution profiles of rivers and lakes has earned him great laurels. His contribution to the study on preservation of Monuments, particularly 'The Taj Mahal' and 'The Charminar', during his tenure as Advisor for Birla Archeological Centre and Research Institute is widely appreciated.

### ➤ **The Society**

His well wishers and family members formed "**Dr.K.V.Rao Scientific Society**" to further the cause so dear to Dr.Rao and to encourage young scientists to inculcate deep interest in research and improve their abilities in the field of their choice, be it in Chemistry and/or Chemistry applied to any branch of Science.

### ***The aims and objectives of the Society is to***

Undertake programs for advancement of research in the field of chemistry and/or chemistry applied to any branch of science

**(Here Chemistry and/or Chemistry applied to any branch of science implies any research work that that has some chemistry involved in it, e.g., biochemical, pharmaceutical, medical, agricultural, development of molecules, compounds and components for various uses, etc.)**

With this objective in view the Society undertakes to

- ❖ Arrange an Annual Memorial Oration every year by a distinguished scientist, in order to stimulate young scientists with new ideas and trends of research and
- ❖ Present a **Silver Trophy and a Cash award of Rs.10,000/=only to ONE** promising young scientist having potentiality to make meritorious contributions to science.

In order to have transparency in the selection, a panel of judges comprising of eminent scientists and personalities from various specialisations have been requested to screen the research work in different stages for final presentation. The judges at this function would announce the best candidate after the selected three candidate's final presentation.

### ***About the Programs of the Society***

The society conducted its **first annual function** in the first year of its formation on March 24, 2001. Prof.K.Subba Rao, Head of Biochemistry Department, School of Life Sciences, University of Hyderabad was the recipient of the Annual Oration Award. Eminent personalities to attend the function included Dr. kamala Krishnaswamy, Director NIN, Hyderabad, Dr.B.G.Sidharth, Director, BM Birla Science Centre and Padmashree awardee, late Dr. G.S.Sidhu, former director, CSIR.

In the year 2002, the **second annual awards function** of the society was held on March 23. Dr.Seyed E.Hasnain, Director CDFD, Hyderabad delivered the first Dr.K.V.Rao Memorial Oration. Important dignitaries present at the function were Shree.P.C. Mandal, Director General, GSI, Kolkata, Shree Vara Prasad Reddy, Director, Shanta Biotechnics Ltd., Prof.K.V.Raghavan, Director,IICT, Shanti Swarup Bhatnagar Awardee for the year 2001, Dr.Amitabha Chattopadhyay of CCMB.

### ***About the Candidates Who Competed for the Research Award for the Year 2001***

The society in its first year of inception received only a small number of applications for the Research Award. Three candidates selected for presentation of their papers are :

- Mr Ch.Venkata Reddy, IICT, Hyderabad. He spoke on “The First Example of Activation of Molecular Oxygen in Ni-Al Hydrotalcite : A Novel Protocol for Selective Oxidation of Alcohols”.
- Mr.Ram Thaimattan, Hyderabad University. His paper is entitled “Organic Network Structures : Crystal Engineering & Supramolecular Synthesis”.
- Mr. J. Krishna Murthy, Research Fellow from IICT, Hyderabad. His topic of presentation is entitled “Catalytic Hydrodechlorination of Dichlorodifluoro ethane : Development of New Generation Pd based Catalysts”.

Mr.Ch.Venkata Reddy of IICT, Hyderabad was selected for the research award. The other two candidates, Mr.Ram Thaimattan and Srinivas were given merit certificates.

### ***About the Candidates Who Competed for the Research Award for the Year 2002***

The society had received a number of applications for the Research Award for the year 2002. A preliminary presentation by the candidates was conducted on 2<sup>nd</sup> March, 2002 to select three candidates by a panel of judges for the final presentation of their research papers in presence of the august audience. The selected candidates are :

- Ms.Shailly Varma, Senior Research Fellow from the department of Biochemistry, School of Life Sciences, University of Hyderabad. She spoke on “Bioelectrochemistry of Enzyme Modified Glassy Carbon Paste Electrodes”.
- Mr.M.Radha Kishan, Research Fellow from Reaction Engineering Lab of IICT, Hyderabad and his paper is entitled “Molecular Sieves to Macrocycles and Macrocycles to Molecular Sieves”.
- Mr. Palas Gangopadhyay, Research Fellow from the School of Chemistry, University of Hyderabad. His topic of presentation is entitled “Supramolecular Assembly of Molecular Materials: Induction, Enhancement and Measurement of Second Harmonic Generation”.

Mr.M. Radha Kishan of IICT, Hyderabad recieved the cash award and the silver trophy for this year. Merit certificates were given to Ms.Shailly Varma and Mr.Palas Gangopadhyay .