



Dr.K.V.Rao Scientific Society
Annual Science Awards
2008

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Dr.K.V.Rao Scientific Society Annual Science Awards

The annual science awards were started in the year 2001 in honour of late Dr.K.V.Rao who retired as the Superintendent Chemist, Geological Survey of India. The awards were instituted to promote scientific temper and thereby encourage young scientists and school students in pursuit of their research activities.

The number of awards and the categories of awards increased with years and this year awards are being given in these categories:

- Memorial Oration Award

- Young Scientist Awards
 - Chemistry & Allied Sciences
 - Physics
 - Mathematics &
 - Biological Sciences

- School Science Quiz Awards

- School Talent Awards

The enthusiastic participation of students in various programmes of the Society has made it to plan more activities for more students to get benefited.

Awards - 2008

The Memorial Oration Award

The Society invites an eminent Scientist to deliver memorial oration each year and presents the distinguished guest with a silver trophy.

This year the annual Dr.K.V.Rao Memorial Oration will be delivered by the eminent scientist, Prof. P. Rama Rao, Former Secretary, Department of Science & Technology, Government of India. The distinguished Scientist is a Shanti Swarup Bhatnagar awardee and has been conferred with Padmasri and Padma Bhushan by the Government of India for his contribution to Science.

Prof. Rama Rao will deliver the oration entitled "Promoting Science & Technology in India – Evolution of Institutions and Mechanisam".

Prof. Ch. Venkata Ramana Devi, Member Secretary, Andhra Pradesh State Council of Science and Technology, Hyderabad, will the Guest of Honour at the function

Young Scientist Awards

A number of candidates in various branches of basic sciences presented their papers for the awards. The awards will be presented in Chemistry and Allied Sciences, Physics, Biological Sciences and Mathematics. The award carries Rs. 10, 000/- cash and a silver trophy for the winner and Rs. 5, 000/- and a silver trophies to the runners-up in each category.

The awardees will be announced on the Annual Day to be held on 9th April, 2008 at B.M. Birla Science Centre, Hyderabad.

Science Quiz Awards

The quiz is held every year for school students of classes VIII, IX and X of the twin cities. This year the winners were given merit certificates, a trophy and a cash award of Rs.1000/= each. The runners-up were presented with merit certificates, trophies and cash award of Rs.500/= each. They are

Winners:

Syed Mustafa Hashmi and V.Sri Anish, Little Flowers High School, Abids,

Runners-up:

- a) S.Nagharaj Abhishek and Aakash Kumar Singh, Johnson Grammar School and
- b) K.Rohit Reddy and Ch.Chandrasekhar, Little Flower High School, Abids

School Talent Awards

In co-ordination with APCOST, the Society conducts an interactive programme for school children of Andhra Pradesh. A panel of eminent educationists interacts with these children and selects a few projects for awards at the annual function. The selected candidates will be presented with a merit certificate and a trophy each.

Awardees for this year are:

- Ch Satti Raju (Z .P. High School, Pydibhimavaram, Srikakulam Dt.)
- B Sanyasi Naidu (Govt. Jr. College, Nellimarla, Vizianagaram Dt.)
- K Mohan Varma (Bhasyam Pablic School, Bhavanipuram, Vijayawada.)
- T Santha Kumari (APSWRS (G), Rajahmundry, East Godavari. Dt.)
- N Sai Sravani (Sri Saibaba Central School, Santhapeta, Ongole)
- D Sujatha (Z P H School, Nandivargam, B.Palli (M), Kurnool)

The Jury

The Jury for the various events conducted this year by the Society are:

I) Young Scientist Awards

- Prof. K.V.A. Ramaiah, Professor, Department of Biochemistry, School of Life Sciences, University of Hyderabad.
- Prof. J. Shobanaditya, Professor, Department of Biochemistry, Osmania University, Hyderabad.
- Prof. B. Sethuram, Retired Professor, Department of Chemistry, Osmania University, Hyderabad.
- Prof. L Srinivasa Rao, Retired Professor, Department of Physics, Osmania University, Hyderabad
- Prof. A.P.Pathak, Professor, School of Physics, University of Hyderabad.
- Dr. G. Prasad, Physics, PG College, Osmania University, Hyderabad
- Prof. M. V. Ramana Murthy, Professor, Department of Mathematics, Osmania University, Hyderabad
- Prof. P. Sambasiva Rao, Retired Professor, Department of Mathematics, Osmania University, Hyderabad
- Prof. T. Amarnath, Dean, Department of Mathematics, University of Hyderabad
- Prof. T. Sundararamiah, Retired Professor, Department Chemistry, Osmania University, Hyderabad.
- Prof. S. Satyanarayana Singh, Professor, Department of Biochemistry, Osmania University, Hyderabad.
- Prof. A. Raveendranath, Professor, Pharmacy, College of Technology, Osmania University, Hyderabad.

II) The Science Quiz

- Mr. K.S. Srinivas, a Dentist by profession and an avid quizzer belonging K-Circle of Hyderabad was the Quiz Master.

III) School Talent Awards

- Dr.K.Sreedhar Rao, Scientist, Centre for Cellular and Molecular Biology, Hyderabad.
- Mr. V. Seshu, Prinicpal Sherwood Public School, Hyderabad.
- Prof T. Sunderaramiah, Retired Professor, Chemistry Department, Osmania University, Hyderabad.
- Mrs. Anita Gupta, Vice-Principal, Sherwood Public School, Hyderabad.
- Prof. C. Parameshwara Murthy, Department of Chemistry, Osmania University, Hyderabad
- Prof. C. Nageswara Rao, Department of Physics, Osmania University, Hyderabad
- Dr. J.S. Vidya, Bharatiya Vidya Bhavan College, Hyderabad.

The Executive Committee

- Dr.B.V.S.R.Murthy – President
He retired from Geological Survey of India. A close associate of Dr.Rao at GSI.
- Prof.T.Sunderaramiah – Vice President
Retired Professor, Chemistry Department, Osmania University, Hyderabad
- Dr.K.J.R.Murthy – Secretary
Senior Consultant, Chest Physician & Director, DOTS Programme, Mahaveer Hospital, Hyderabad.
- Dr.K.Ratna – Joint Secretary & Treasurer
Doctorate, I.I.T.Delhi
- Mr.K.A.Sastry – Founder Member
Director, KSK Energy Ventures Ltd., Hyderabad and son of late Dr.Rao

Dr. K.V. Rao Profile

Dr.K.V.Rao was born on 21st March 1920.

He received D.Sc. degree, Banaras Hindu University. Dr.Rao worked in the Department of Mines till 1952 and then in the Geological Survey of India, GSI till 1978..



Important research contributions at GSI include

Work on Chemical Analysis of various Geological materials, Developing macro elemental analysis of materials using AAS Technique, Designing community defluoridation plants and portable family kits in fluorosis endemic villages.

A major contribution was the use of serpentine as a medicine for the treatment of human fluorosis.

After retirement Dr. Rao joined the Birlas and established the Birla Archeological and Cultural Research Institute (BACRI). At BACRI he set up research laboratories for chemical analysis of complex archeological materials, studied stone sculptures, wooden carvings, temple bells and various other archeological materials. He also studied the effect of environmental pollution on Taj Mahal, Charminar etc. and the weathering profiles and preservation of various monuments like Gomateswara Statue, Thousand Pillar Temple, etc.

He left us in the year 2002.



Aims and Objectives

The aims and objectives of the Society are to

- ◆ Undertake programs for advancement of research in the field of Chemistry and other branches of Basic Sciences.
- ◆ Assist research students either at doctoral or post doctoral level by ways of funds and equipment.
- ◆ Capacity building of local scientific talent
- ◆ Developing Scientific temper in school children
- ◆ Conducting various scientific programmes for school children
- ◆ An Annual Oration by an Eminent Scientist.

Future Plans include –

- Broad-basing to other sciences
- Liaising with scientific bodies in Govt. and private for unearthing scientific talent.
- Conduct Seminars, workshops & exhibitions
- Setting up of science laboratories and libraries for school children
- Co-ordination with various research institutes where students at school level get to undergo training.
- To undertake scientific research projects of social relevance.

For details about the Society and registration as member, contact :

The Secretary
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Annual Function - 2007, A Recap



Dr. B. Sesikeran, Director, NIN, Hyderabad, delivering the Memorial Oration



Dr. B. Sesikeran, Director, NIN, Hyderabad, receiving the Memorial Oration Award



Guests on the stage



Mr. M. Raghavender, OU, Winner, Physics



Mr. M. Ravi Kumar, I I C T, Winner, Chemistry & Allied Sciences



Mr. Tanweer Hussain, C C M B, Winner, Biological Sciences



Annual Award winners with the guests

Science Quiz

Held on November 3, 2007



The quiz master Mr. Srinivas conducting the quiz



The Winners of quiz competition



The Finals of quiz



The Finals of quiz

School Talent Programme Held on December 25, 2007



The Judges assessing the students



The Students presenting papers



The Judges assessing the students



The Students receiving mementoes