

UNIVERSITY GRANTS COMMISSION

HARI OM ASHRAM TRUST AWARDS
IN SCIENCE

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HARI OM ASHRAM TRUST
AWARDS IN SCIENCE

1977

THE SIR C.V. RAMAN AWARD FOR RESEARCH IN PHYSICAL SCIENCES

to

PROFESSOR B.V. SREEKANTAN

Tata Institute of Fundamental Research, Bombay

CITATION

For his outstanding and extensive contributions in frontier areas of Cosmic Rays, High Energy Physics and High Energy Astrophysics based on large scale experiments carried out in India deep underground in the Kolar Gold Mines, at mountain altitudes and at balloon and rocket altitudes with indigenously developed sophisticated Instrumental arrays.

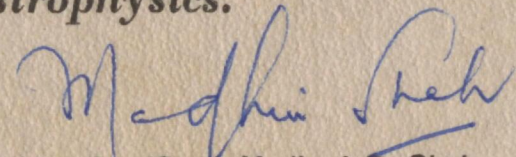
UNIVERSITY GRANTS COMMISSION

HARI OM ASHRAM TRUST

AWARDS IN SCIENCE

1977

The Sir C. V. Raman Award for Research in Physical Sciences for the year 1977 has been awarded to Professor B. V. Sreekantan, Tata Institute of Fundamental Research, Bombay, in recognition of his contributions to the research in Cosmic Rays, High Energy Physics and High Energy Astrophysics.



Dr. (Smt.) Madhuri R. Shah
Chairman

University Grants Commission

New Delhi

1979 AWARDS

The Sir C.V. Raman award for Research in Physical Sciences

VENKATARAMAN, Ganesan
Principal Physicist, Reactor Research Centre (BARC), Kalpakam, Madras.

The Homi J. Bhabha award for Research in Applied Sciences

SANYAL, Gitindra Saran
Professor, Radar and Communication Centre, Indian Institute of Technology, Kharagpur.

The Meghnad Saha Award for Research in Theoretical Sciences

VIRENDRA SINGH
Sr. Professor, Tata Institute of Fundamental Research, Bombay.

The Jagdish Chandra Bose Award for Research in Life Sciences

GHOSH, Asok
Professor of Zoology, Calcutta University.

1980 AWARDS

The Sir C.V. Raman Award for Research in Physical Sciences

(i) NARASIMHAN, P.T.
Professor of Chemistry, Indian Institute of Technology, Kanpur.

- * B.Sc. (Hons.) Madras 1954
Ph.D. Bombay 1966
- * Fellow of: Indian Academy of Sciences; Indian National Science Academy; Indian Cryogenics Council
- * Visiting Scientist, University of Michigan, 1967.

- * Born: 1st February 1922
- * B.Sc. (Hons.) Calcutta 1941;
M.Sc. 1943
- * Fellow of: Indian National Science Academy, Institution of Engineers (India), Institution of Electronic and Telecommunication Engineers (India)

- * Born: 8 June 1938
- * M.Sc. (Agra) 1957; Ph.D. (Calif) 1962
- * Fellow of: Indian Academy of Sciences; Indian National Science Academy;
- * Recipient of S.S. Bhatnagar Prize 1973
- * Member: Institute of Advanced Study, Princeton (1963-64)
- * Visiting Assoc. Professor, Rockefeller University (1966-67)
- * Visiting Professor, Rockefeller University (1971-72).

- * Born: January 1927
- * M.Sc. (Calcutta) 1948; M.Sc. (McGill) Ph.D. (1955) Calcutta.
- * President, Zoology Section, Indian Science Congress, 1973.
- * Fellow: Indian National Science Academy.

- * Born: September 24, 1930
- * B.Sc. (Mysore) 1950;
M.Sc. (Agra) 1953; Ph.D. (Delhi).
- * Fellow: Indian Academy of Sciences; Indian National Science Academy; National Academy of Sciences, India.
- * President, Botany Section, Indian Science Congress, 1980.
- * National Lecturer (UGC) in Botany, 1980.
- * Recipient of P. Maheswari Medal (1980) of Indian Botanical Society.

- * Born: 28 July 1928
- * B.Sc. (1947) Madras; M.Sc. (1951) Madras; Ph.D. (1955), I.I.Sc. and Madras University
- * Fellow: Indian Academy of Sciences; Indian National Science Academy; National Academy of Sciences, India
- * Recipient of: S.S. Bhatnagar Award (1970), J.C. Ghosh Mem. Medal of Indian Chemical Society (1972)
- * National Lecturer UGC, 1976-77.
- * President: Section of Chemistry, Indian Science Congress, 1977.
- * Visiting Professor: Max Plank Instt. 1973, 1978.

(ii) MITRA, A.P.
Director, National Physical
Laboratory, New Delhi.

**The Homi J. Bhabha Award for Research
in Applied Sciences**

LADDHA, G.S.
Director, A.C. College of Technology,
Anna University,
Madras.

**The Meghnad Saha Award for Research in
Theoretical Sciences**

PRADHAN, Trilochan
Director, Institute of Physics,
Bhubaneswar

**The Jagdish Chandra Bose Award for
Research in Life Sciences**

BACHAWAT, B.K.
Director, Indian Institute of Chemical
Biology, Calcutta.

SRIVASTAVA, Uma Shankar
Professor of Zoology,
Allahabad University, Allahabad.

* Born: 21 February 1927

* B.Sc. (Hons.) Calcutta (1946); M.Sc.
Calcutta (1948); D.Phil. (1955)

* Fellow: Indian National Science
Academy, Indian Academy of Sciences.

* Recipient: S.S. Bhatnagar Award
(1968), Jawahar Lal Nehru Fellow
(1978-80).

* Born: 26 August 1922

* B.Sc. (Nagpur) 1942, B.Sc. Tech. (1944)
M.S. (1947), Ph.D. Purdue University
(1949)

* Visiting Professor: Cambridge
University (1964); University of
California (1969); Pittsburgh (1969).

* Born: 3 January, 1929

* B.Sc. (Hons) Utkal, 1949; M.Sc.
(Banaras) 1951; Ph.D. University of
Chicago (1956).

* Visiting Scientist, International Centre
for Theoretical Physics, Trieste
(1965-66); Rutherford Laboratory,
U.K. (1966); Syracuse University
(1967); University of Texas (1970).

* Fellow: Indian Academy of Sciences.

* Born: 16 August 1925

* M.Sc. (Calcutta) 1948;
Ph.D. (Illinois) 1953

* Fellow: Indian National Science
Academy; Indian Academy of
Sciences; International Society of
Neurochemistry.

* National Lecturer/Fellow—of UGC

* Recipient of S.S. Bhatnagar Award
1962; Amrit Mody Research Award
1974; Institute of Science Golden
Jubilee Medal 1976.

* Born: 20 March 1924

* B.Sc. (Allahabad), 1941; M.Sc.
(Allahabad), 1943; D.Phil. (1947);
D.I.C. (1949); B.Ed. (Allahabad),
1949.

* Visiting Professor, North Western
University, Illinois, USA (1967-68)

* Fellow: Indian National Science
Academy; National Academy of
Sciences, India; Zoological Society of
India.

* President: Zoology Section, Indian
Science Congress (1976).

1978—AWARDS

Sir C.V. Raman Award for Research in Physical Sciences

BHIDE, Vishnu Ganesh
Professor, University of Poona, Pune.

- * Born: 1925
- * B.Sc. (1945), M.Sc., Ph.D. (Nagpur) (1953);
- * Ph.D. (London) (1956).
- * Fellow of: Indian National Science Academy;
Indian Academy of Sciences;
Royal Astronomical Society, London.
- * President of: Physics Section, Indian Science Congress, 1971.

The Homi J. Bhabha Award for Research in Applied Sciences

SUBBA RAO, E.C.
Professor of Metallurgical Engineering,
Indian Institute of Technology, Kanpur.

- * Born: 8 August, 1928
- * B.Sc. Tech. (1949); M.S. (Washington) (1953),
- * Ph.D. (Washington) (1957)
- * Fellow of: Indian Academy of Sciences;
Indian National Science Academy;
Indian Institute of Ceramics.
- * Recipient of: National Metallurgists Award 1970.

The Meghnad Saha Award for Research in Theoretical Sciences

NARASIMHAN, Mudumbi Seshacharlu
Senior Professor of Mathematics, Tata
Institute of Fundamental Research, Bombay.

- * Born: 7 June, 1932
- * B.Sc. (Hons.) (1953); Ph.D. (1960)
- * Fellow of: Indian National Science Academy;
Indian Academy of Sciences;
- * Visiting Professor: at University of Warwick (1973-74) Univ. of Bonn (1973); Univ. of California (1971); Princeton (1968-69); Japan Society for Promotion of Science (1976).

The Jagdish Chandra Bose Award for Research in Life Sciences

(i) SRIRAMACHARI, S.
Director, Institute of Pathology,
(ICMR) New Delhi.

- * Born: 25 June, 1925
- * B.Sc., MBBS; M.D.; D.Sc. (1961);
- * D.Sc. (Honoris Causa) 1975 (S.V. Univ.) 1978 (Andhra)
- * Fellow of: Indian National Science Academy;
Indian Academy of Sciences;
Academy of Medical Sciences.

(ii) RAMACHANDRAN, L.K.
Professor of Biochemistry, Osmania
University, Hyderabad.

- * Born: 30 March, 1928
- * B.Sc., M.Sc., Ph.D. (1953).
- * Fellow of: Indian Academy of Sciences,
Indian National Science Academy.

UNIVERSITY GRANTS COMMISSION
NEW DELHI

HARI OM ASHRAM TRUST
AWARDS IN SCIENCE

The Hari Om Ashram Trust, Nadiad, Gujarat, has placed at the disposal of the University Grants Commission, a sum of Rupees Six Lakhs for instituting awards in Science, each of value of Rs. 10,000 for the best scientific research work produced in India by Indian Scientists in different fields.

The awards are based on the following considerations:

- (i) Only contributions by Indian Scientists, whether individually or by a team, would be eligible. Institutions or organisations are not covered.
- (ii) The award is for outstanding scientific work which has made conspicuously important contribution to human knowledge in the areas covered by each award, and thrown light on the problems in a new manner. The prize could be equally shared by two or more persons whose work was of equal merit.
- (iii) In deciding the award, attention would be focussed on contributions made during past 5 to 7 years period.
- (iv) The scientific work to be assessed would cover books, monographs, papers or any other account of unpublished research work, inventions, discoveries etc.
- (v) The research work should have been carried out in India.

1977—AWARDS

The Sir C.V. Raman Award for Research in Physical Sciences

SREEKANTAN, Badanaval Subba Pandit
Director, Tata Institute of Fundamental Research, Bombay.

- * Born: 30 June 1925
- * B.Sc. (Hons.) 1946; M.Sc. 1947; Ph.D. 1954.
- * Fellow of: Maharashtra Academy of Sciences; Indian Academy of Sciences; Indian National Science Academy.
- * President, Indian Physics Association 1976-78;
- * President, Physics Section, Indian Science Congress 1981.
- * Recipient of Homi Bhabha Medal for Physical Sciences for 1978 by Indian National Science Academy;
- * Visiting Scientist: Massachusetts Inst. of Technology, USA, 1954; 1965-67.

The Homi J. Bhabha Award for Research in Applied Sciences

DORAISWAMY, L.K.
Director, National Chemical Laboratory, Pune.

- * Born: 13 May, 1927.
- * B.Sc., M.S. Ph.D. (Wisconsin)
- * Fellow of: Indian National Science Academy; Indian Academy of Sciences;
- * Recipient of: Herdilli Prize, Indian Instt. of Chemical Engineers 1978; FICCI award 1979; K.G. Naik Gold Medal, 1974;
- * Visiting Professor: University of Wisconsin, 1977; Mc Master University, 1977; Salford University 1980-81;
- * National Lectureship of UGC 1980-81.

The Meghnad Saha Award for Research in Theoretical Sciences

BAPPU, M.K. Vainu
Director, Indian Institute of Astrophysics, Bangalore.

- * Born: 10 August, 1927
- * B.Sc. (1946) M.Sc. (1949) A.M. (1950) Ph.D. (1952) Harvard University;
- * Fellow of: Indian National Science Academy; Indian Academy of Sciences;
- * President: International Astronomical Union (1979-82)
- * Honorary Foreign Member, Royal Society of Sciences, Belgium;
- * Honorary Foreign Associate, Royal Astronomical Society, London;
- * Recipient of Donohoe Comet Medal (1949), S.S. Bhatnagar Prize, 1970.

The Jagdish Chandra Bose Award for Research in Life Sciences

(i) RAO, V.S. Raghavendra
Professor of Biophysics, Indian Institute of Science, Bangalore .

- * Born: 1 February, 1931
- * B.Sc. (1952) M.Sc. (1955); Ph.D. (1960), Osmania University.
- * Fellow of: Indian Academy of Sciences; Indian National Science Academy.

(ii) RADHAKRISHNAN, Amurtur, N.
Professor, School of Life Sciences, University of Hyderabad, Hyderabad.

- * Born: 17 May, 1927
- * B.Sc. (Hons.), M.Sc., Ph.D.
- * Fellow of: Indian Academy of Sciences, Indian National Science Academy.
- * Recipient of: Hari Om Ashram Alembic Award (1977)
- * B.C. Guha Memorial Lecture Award (1981)

