

# GUJAR MAL MODI SCIENCE FOUNDATION

MODI TOWER, 98, Nehru Place, NEW DELHI-110019 INDIA  
PHONE : (011)- 41606827  
PRESIDENT : SATISH KUMAR MODI

REGD. OFFICE

Diary No.: 679

Date: 3/4/2017

March 20, 2017

Dear Sir,


As you may be aware, this Foundation, in memory of its Founder, late Rai Bahadur Gujar Mal Modi 'Padma Bhushan', instituted in 1988, **GUJAR MAL MODI AWARD FOR INNOVATIVE SCIENCE & TECHNOLOGY**, for eminent scientists. The Award consists a Cash prize of Rs. 2.51 lacs, a Silver Shield and a Scroll of Honour , and is presented every year on 9<sup>th</sup> August, being the birth anniversary of late Rai Bahadur Gujar Mal Modi, to an outstanding innovative scientist. A list of previous Awardees and the Chief Guests at the award presentation ceremonies is enclosed for your information.

We would request you to kindly arrange to send nomination/s of suitable person/s for this year's award in the prescribed proforma given in the attached brochure, giving eligibility criteria etc. so as to reach the undersigned latest **by 30<sup>th</sup> May, 2017**. If the space in the proforma is inadequate, additional pages can be used. As per practice, the Awardee will be selected by the jury comprising eminent scientists under the chairmanship of Dr. K. Kasturirangan, former Chairman of ISRO.

Thanking you,

Yours faithfully

**For Gujar Mal Modi Science Foundation**

  
(Anil Khanna)  
Vice President

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Encls: 1. List of previous awardees.  
2. Brochure

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K. S. Shukla  
3/4/17

Dy. No. - 244.  
03/04/2017

Mr. K. S. Shukla  
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## GUJARMAL MODI INNOVATIVE SCIENCE & TECHNOLOGY AWARD

### LIST OF PREVIOUS AWARDEES

<u>YEAR</u>	<u>AWARDEE</u>	<u>FIELD OF SPECIALISATION</u>	<u>AWARD PRESENTED BY</u>
1988	Prof. Satish Dhawan	Space & Remote Sensing Technology	Dr. Shankar Dayal Sharma, then Vice President of India.
1989	Prof. C.N.R. Rao	Solid State & Structural Chemistry	Sh. S.B. Chavan, the then Minister of Finance, Govt. of India.
1990	Prof. R. Narasimha	Aeronautical Designs	Dr. Shankar Dayal Sharma, then Vice President of India.
1991	Prof. M.M. Sharma	Chemical Engineering	Dr. Shankar Dayal Sharma, then Vice President of India.
1992	Dr. A.P. Mitra	Radio Science & Global Environment	Sh. Madhav Rao Scindia, the then Minister for Civil Aviation.
1993	Prof. Govind Swarup	Radio Astronomy	Sh. Arjun Singh, the then Minister of HRD.
1994	Prof. A.K. Sharma Prof. M.G.K. Menon	Cytogenetics, Cytochemistry Nuclear Physics	Sh. Arjun Singh, the then Minister of HRD.
1995	Prof. C.S. Sheshadri	Algebraic Geometry	Sh. K.R. Narayan, the then Vice President of India.
1996	Dr. APJ Abdul Kalam	Aero Space & Missile Technologies	Sh. I.K. Gujral, the then Minister for External Affairs.
1997	Prof. S. Ramaseshan	Crystallography, Optics & Metal Science	Sh. S. Jaipal Reddy, the then Minister for I&B.
1998	Prof. P.N. Tandon	Neurosciences	Sh. Krishan Kant, the then Vice President of India.
1999	Prof. U.R. Rao	Space Science, Development of Satellite and Rocket Technology	Sh. Krishan Kant, the then Vice President of India.
2000	Prof M.S. Valiathan	Cardiology & Medical Technology	Sh. Sharad Yadav, the then Minister for Civil Aviation.
2001	Prof. Obaid Siddiqi	Molecular Biology	Sh. G.N. Ramachandran, the then Minister of State for Finance (Revenue).

2002	Dr. K. Kasturirangan Dr.(Mrs.) Manju Sharma	Space Technology Biotechnology	Dr. Murli Manohar Joshi, the then Minister of HRD.
2003	Prof. V. Radhakrishnan	Radio Astronomy	Smt. Sheila Dikshit, Hon'ble Chief Minister, Delhi.
2004	Dr. Anil Kakodkar	Nuclear Science & Technology	Sh. Praful patel, the Hon'ble Minister for Civil Aviation.
2005	Prof. G. Padmanaban	Bio chemistry & Bio technology	Sh. B.K. Handique, Hon'ble Minister of State for Defence.
2006	Dr. Kota Harinarayana	India Aero Nautical Engineering	Sh. Sriprakash Jaiswal, hon'ble Minister of State for Home Affairs
2007	Prof. Goverdhan Mehta	Organic Chemistry	Sh. Kapil Sibal, Hon'ble Minister of Science & Technology.
2008	Prof. T.V. Ramakrishnan	Condensed Matter Physics	Smt. Sheila Dikshit, Hon'ble Chief Minister, Delhi.
2009	Prof. P. Balaram	Molecular Bio- Physics	Shri Pranab Mukherjee, Hon'ble Finance Minister
2010	Dr. P. Rama Rao	Metal Sciences & Technology	Shri Sriprakash Jiaswal.
2011	Prof. Asis Datta	Biochemistry & Molecular Biology	Hon'ble Minister for Coal, Govt. of India
2012	Prof. K.S. Valdiya Prof. A.K. Sood	Neotectonics & Environmental Geology Physics	Shri P. Chidambaram, Hon'ble Finance Minister of India
2013	Dr. V.P. Sharma	Malariologist.	Prof. M.G.K. Menon
2014	Dr. S. Ayyappan	Agricultural Science	Shri Radha Mohan Singh, Hon'ble Miniter of Agriculture
2015	Prof. Mustansir Barma	Statistical Phusics	Hon'ble Shri M. Hamid Ansari, Vice President of India
2016	Shri. A.S. Kiran Kumar	Space Technology	Shri Ananth Kumar, Hon'ble Minister of Parliamentary Affair, Chemicals & Fertilizers.



**LATE RAI BAHADUR GUJAR MAL MODI**

"Science as the generator and storehouse of knowledge and technology as the instrument for its use, form both the base and motor for the country's development and its decision to remove poverty"

**- Malcolm Adiseshiah**

Excerpt from the 1st Gujar Mal Modi Memorial Lecture

## GUJAR MAL MODI INNOVATIVE SCIENCE AND TECHNOLOGY AWARD

Gujar Mal Modi Innovative Science & Technology Award is among the highest cash awards in the country in the field of Science and Technology. The award was instituted in 1988 in the memory of the great industrialist of India, late Rai Bahadur Gujar Mal Modi of Modingar. It will be given each year to a person who has demonstrated the qualities of excellence and innovation through outstanding research and in providing leadership in the development and promotion of Science and Technology in India. The Awards already made to outstanding Indian scientists and technologists are indicative of the class of this Award.

For this award the governing body of the Gujar Mal Modi Science Foundation will invite nominations each year from the following.

1. Presidents of approved Science and Engineering Institutions of All India character.
2. Vice Chancellors of Scientific/Engineering Universities.
3. Directors of Institutes deemed to be of University status (Science & Engineering Faculties)
4. Secretaries of the Departments of Science & Technology both of the Central Government and State Governments
5. Scientific Advisor to the Prime Minister.
6. Member Incharge of Science and Technology in Planning Commission.
7. Scientific Advisor to the Defence Minister
8. Director General C.S.I.R.
9. Directors of I.I.T.S.
10. Directors of C.S.I.R. Laboratories
11. Chairman of Atomic Energy, Space, Oil and Natural Gas Commissions.

## THE GIFT OF A VISIONARY

In the year 1933, a small sugar mill was established in the barren land of Begamabad, on the outskirts of Delhi. The project was the brainchild of Seth. Gujar Mal Modi, a man with vision and farsightedness. Single handedly he reshaped and remoulded that small village into the present Modinagar-hub of an industrial empire that encompasses within its fold everything from Vanaspati to Steel, from Fabrics to Paints, from Nylon Yarn to Automobiles Tyres, from Sugar to Chemicals, from Insecticides to Cigarettes.

A born philanthropist and a gifted educationist, he did not confine his genius to industry alone. Through his efforts he started scores of schools, colleges, training institutes, hospitals and dispensaries, cultural and sports associations. In fact he added lustre and a sense of dedication to whatever he touched.

12. Director of Bhabha Atomic Research Centre, Bose Institute, Shah Institution of Nuclear Physics Kolkata, Tata Institute of Fundamental Research.
13. Previous Gujar Mal Modi Innovative Science & Technology Award Winners.

Above authorities would recommend persons who would be working with them in their organisations.

Each nomination shall be on the lines of proforma attached giving a detailed statement of work and specific achievements of the nominee together with a critical assessment report (not more than 500 words) highlighting the significant contribution of research and development made during the 5 years preceding the year of the Award. The nominations may be sent along with three copies of detailed statement of work and achievement of each nominee with atleast one set of re-prints of papers published/accepted during the preceding 5 years. Nominations signed by the sponsors should be sent in a sealed cover, marked confidential, to the Secretary, Gujar Mal Modi Science Foundation, Mezzanine Floor, Modi Tower, 98, Nehru Place, New Delhi 110019 so as to reach him not later than 25th May each year for that year's award.

Awardee will be informed of the award before 31st July. He should be prepared to come to a predetermined place to receive his award. In the coming three to four months a lecture tour will be organised and the awardee's lecture tour will be a series of lectures in selected places in India to the audience of Scientists/Technologists. His lecture will be published in form of National Technical paper for very wide distribution in the country.

**PROFORMA OF GUJAR MAL MODI INNONATIVE SCIENCE  
AND TECHNOLOGY AWARD**

1. Name of the nominee
  2. Date of Birth
  3. Present position and Official address
  4. Positions held earlier (chronological order)
  5. Academic qualifications (Bachelor's degree onwards)
  6. Names of 3 Indian Scientists / Technologists in the area (as possible reference)
  7.
    - a. Significant contributors to Science / Technology, by the nominee (in about 500 words) during his/her entire research career.
    - b. Significant contributions to Science / Technology, by the nominee based on the work primarily done in India during the last 5 years (in about 500 words). Specific reference to be made to research papers published in this context.
    - c. Summarise the most significant work of the nominee on which the recommendation is based (in 50 words)
    - d. Impact of his work on the various technical practices.
    - e. Places where work has been referred/cited in Reviews, like Annual reviews for Chemical Society, London, Mathematical Reviews, Citation Index and such standard sources (give details)
- \*No nomination will be considered valid in the absence of information on this item.
8. Whether the achievements have already been recognised by Awards by any learned body. If so, the name of the body, award and the year of award may be given. A copy of the citation may be enclosed.
  9. Whether Chaired any Scientific International Conference / Symposia and / or delivered invited lecture in India/Abroad (give details.)
  10. The following may be enclosed with the nomination :
    - a. \* Complete list of Publications in standard referred Journal (reprints of 15-20 best papers to be enclosed)
    - b. \*List of Technical reports/Review Articles (A copy each of the most outstanding ones may be enclosed)
    - c. \*\*Publications of general interest
    - d. \*\*Full papers published in Proceedings of Symposia and Seminars.
  11. Details of books published, if any
  12. Details of Patents taken, if any
  13. Any additional information of relevance

Place :

Sponsor's Signature  
Sponsor's name  
and  
Designation

Date

Note :

\* Listing of research papers and other publications should be done in three columns (i) Name of all authors (ii) Title of the Paper and (iii) Name of the journal, volume, year and page.

\*\* Published during the last five years.

