



The National Academy of Sciences, India (NASI)
5, Lajpatrai Road, Allahabad – 211002

Prof. Paramjit Khurana

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Prof. Satya Deo

Ph.D. (Arkansas, USA), F.N.A.Sc.

General Secretaries

May 2, 2018

Subject : Nominations for different “Academy Awards/Lectures/Medals”

Dear Fellows,

I request you to kindly send nominations for the following “Academy Awards/Lectures/Medals”–

1. Prof. Meghnad Saha Memorial Lecture Award (2018)
2. Prof. N.R. Dhar Memorial Lecture Award (2018)
3. Prof. Archana Sharma Memorial Lecture Award (2018)
4. Prof. M.G.K. Menon Lecture Award (2018)
5. Prof. M.G.K. Menon Memorial Award (2018)
6. Prof. V. P. Sharma Memorial Lecture Award (2018)
7. Prof. A.K. Sharma Memorial Lecture Award (2018)
8. Prof. Prafulla Chandra Ray Memorial Lecture Award (2018)
9. Dr. P. Sheel Memorial Lecture Award (2018)
10. Prof. Saligram Sinha Memorial Lecture Award (2018)
11. Prof. R.C. Gupta Endowment History of Science Lecture Award (2018)
12. Prof. R.N. Tandon Memorial Lecture Award (2018)
13. Prof. B.K. Bachhawat Memorial Young Scientist Lecture Award (2018)
14. Prof. Shri Ranjan Memorial Lecture Award (2018)
15. Lecture Award in the field of Toxicology (2018)
16. Prof. Krishnaji Memorial Lecture Award (2018)
17. Dr. Mridula Kamboj Memorial Lecture Award (2018)

Nominations on the enclosed Proforma **are to be sent to the office of the Academy so as to reach there by June 15, 2018.**

The copy of Regulations regarding these Academy Awards/Lectures/Medals and the names of past recipients are enclosed.

With regards,

Yours sincerely

(Paramjit Khurana)

Encl. – As above.

THE NATIONAL ACADEMY OF SCIENCES, INDIA

5, LAJPATRAI ROAD, ALLAHABAD – 211002, UP, INDIA

Excerpts of the Regulations

A) 'Academy Awards/Lectures/Medals' to be held annually, as-

- i) Prof. Meghnad Saha Memorial Lecture Award; Instituted by the Academy in the year 1981; Prof. Meghnad Saha Memorial Lecture may be held in any front line area in Physics and its applications (age- no bar).
- ii) Prof. N.R. Dhar Memorial Lecture Award; Instituted by the Academy in the year 1990; Prof. N.R. Dhar Memorial Lecture may be delivered in an area of Chemistry, preferably having an impact on agriculture (age- no bar).
- iii) Prof. (Mrs.) Archana Sharma Memorial Lecture Award; Instituted by the Academy in the year 2009 from the grant sanctioned by the DBT, New Delhi; Prof. (Mrs.) Archana Sharma Memorial Award Lecture may be delivered by the selected "Eminent Woman Scientist - irrespective of age and area".
- iv) Prof. MGK Menon Lecture Award; Instituted by the Academy in the year 2015; Prof MGK Menon Lecture may be delivered by an active working Indian Scientist up to the age of 55 in any field of Science and Technology.
- v) Prof. MGK Menon Memorial Award; The Lecture Award would be given to an eminent Indian scientist for her/his contributions to any area of Science and Technology development, promotion popularization and application (age – no bar).
- vi) Prof. V. P. Sharma Memorial Lecture Award; Instituted by the Academy in the year 2016; Prof. V P Sharma Memorial Lecture may be delivered in the frontier areas of Biological Sciences (age- no bar).
- vii) Prof. A.K. Sharma Memorial Lecture Award; **Instituted by the Academy in the year 2018**; Prof. A.K. Sharma Memorial Lecture may be delivered by the selected "Eminent Plant Scientist, a researcher and an efficient manager of science" preferably below 70 years of age.
- viii) Prof. Prafulla Chandra Ray Memorial Lecture Award; **Instituted by the Academy in the year 2018**; Prof. Prafulla Chandra Ray Memorial Lecture may be held in any front line area in Chemistry and its applications (age - no bar).

Prof. A.K. Sharma Memorial Lecture awardee will be given a gold medal, a citation and a cash award of Rs. 1 lakh (from the endowment given by the DBT, GOI). Prof. MGK Menon Memorial Award would carry an honorarium of Rs. 1 lakh with a Gold Medal. In all above remaining awards, each awardee will be given a gold medal, a citation and a cash award of Rs.50,000/-.

B) 'Academy Awards/Lectures/Medals' to be held on every alternate year. The following are to be held this year (2018) :

- i) Dr. P. Sheel Memorial Lecture Award; Instituted by the Academy in the year 1988 from the endowment given by Mrs. Radhika Sheel.
- ii) Prof. Saligram Sinha Memorial Lecture Award; Instituted by the Academy in the year 1990 from the endowment given by relatives and others associated with Prof. Saligram Sinha.
- iii) Prof. R.C. Gupta Endowment History of Science Lecture Award; Instituted by the Academy in the year 2000 from the endowment given by Prof. R.C. Gupta, Ganita Bharati Academy, Jhansi.
- iv) Prof. R.N. Tandon Memorial Lecture Award; Instituted by the Academy in the year 2000 from the endowment given by the family and students of Late Prof. R.N. Tandon.
- v) Prof. B.K. Bachhawat Memorial Young Scientist Lecture Award; Instituted by the Academy in the year 2002.
- vi) Prof. Shri Ranjan Memorial Lecture Award; Instituted by the Academy in the year 2002 from the endowment given by the relatives, friends and students of Late Prof. Shri Ranjan;
- vii) Lecture Award in the field of Toxicology; Instituted by the Academy in the year 2002 from the endowment created from the savings of the 2nd Congress of Toxicology in Developing Countries organized by Industrial Toxicology Research Centre, Lucknow.
- viii) Prof. Krishnaji Memorial Lecture Award; Instituted by the Academy in the year 2005 from the endowment given by Prof. Abhai Man Singh and
- ix) Dr Mridula Kamboj Memorial Lecture Award; Instituted by the Academy in the year 2016 from the endowment given by Prof. V. P. Kamboj.

The awardee, in Dr Mridula Kamboj Memorial Lecture will be given a medal, a citation and a cash award of Rs. 20,000/-. However, in all the remaining awards in category (B) as mentioned above, each awardees will be given a medal, a citation and a cash award of Rs. 10,000/-.

The subject areas for these various lectures are given as under-

- i) Dr. P. Sheel Memorial Lecture for making significant contributions in science & technology for social development with special reference to societal development may be delivered in any area like Health, Energy, Communication, Agriculture etc. provided that the award will not be repeated in the same area before nine years.

- ii) Prof. Salig Ram Sinha Memorial Lecture may be delivered in any front line topic in Plant Sciences with special reference to Plant Pathology.
- iii) Prof. R.C. Gupta Endowment History of Science Lecture may be delivered in any area encompassing History of Science.
- iv) Prof. R.N. Tandon Memorial Lecture may be delivered in any area in Plant Sciences.
- v) Prof. B.K. Bachhawat Memorial Young Scientist Lecture may be delivered in the area of Biological Sciences including Medical Sciences. The awardee scientist for Prof. B.K. Bachhawat Memorial Young Scientist Lecture award should be below the age of 40 years.
- vi) Prof. Shri Ranjan Memorial Lecture may be delivered in the area of Plant Molecular Biology.
- vii) Award Lecture in the field of Toxicology may be delivered in the area of Toxicology (in the broadest sense).
- viii) Prof. Krishnaji Memorial Lecture in the area of Experimental Physics and Instrumentation to an Indian citizen who has made commendable contributions in the area.
- ix) Dr Mridula Kamboj Memorial Lecture Award may be delivered in any area of Biomedical Sciences

General norms for holding the lectures

- i) Nominations for the aforesaid lectures will be made by the Fellows of the Academy. The awardees will be selected by the Council in accordance with the regulations as may be made from time to time.
- ii) The awardees will be called upon to deliver a lecture at a date, time and place as decided by the Council.
- iii) The awardee would be required to supply a written script of her/his lecture which the Academy would suitably publish.
- iv) The Academy shall bear the cost of travel of the awardee from her/his place of work/residence to the place of lecture and back as per rules of the Academy.

PAST RECIPIENTS OF THE AWARDS/LECTURES/MEDALS

Prof. Meghnad Saha Memorial Lecture Awardees

Prof. Govind Swarup, Radio Astronomy Centre, Tata Institute of Fundamental Research, Bombay
Prof. A.P. Mitra, Director-General, Council for Scientific & Industrial Research, New Delhi
Prof. M.G.K. Menon, 77, Lodi Estate, New Delhi
Prof. Virendra Singh, Director, Tata Institute of Fundamental Research, Mumbai
Prof. S.K. Joshi, Former Director General, CSIR, New Delhi
Dr. R. Chidambaram, Chairman, Atomic Energy Commission & Secretary, Department of Atomic Energy, Mumbai
Prof. T.V. Ramakrishnan, Deptt. of Physics, Indian Institute of Science, Bangalore
Prof. K. Kasturirangan, Director, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore
Prof. Sushanta Dattagupta, Formerly Director, S.N. Bose National Centre for Basic Sciences, Kolkata
Prof. Bikash C. Sinha, Director, VECC & Saha Institute of Nuclear Physics, Kolkata
Prof. Ajay K. Sood, Chairman, Division of Physical & Mathematical Sciences, Professor, Department of Physics, Indian Institute of Science, Bangalore
Dr. Satinder Kumar Sikka, DAE Homi Bhabha Chair Professor, Bhabha Atomic Research Centre, Mumbai
Prof. Bimla Buti, Director, Centre for Science & Society, New Delhi.
Prof. Anil Kakodkar, Formerly Chairman, AEC, Flat no. 1104, Building no. 5, Accolade Cooperative Housing Society, Hajuri Dargah Road, Behind LIC, Tahane West, Mumbai
Dr. Sandip P. Trivedi, Director & Sr. Professor, TIFR, Mumbai.
Prof. Anurag Sharma, IIT Delhi, New Delhi

Prof. N.R. Dhar Memorial Lecture Awardees

Prof. R.C. Mehrotra, Professor Emeritus, Chemistry Department, University of Rajasthan, Jaipur
Dr. N.S. Randhawa, Former Director General, Indian Council of Agricultural Research, New Delhi
Prof. C.N.R. Rao, President, Jawaharlal Nehru Centre for Advanced Scientific Research, I.I.Sc. Campus, Bangalore
Prof. Rajinder Kumar, Department of Chemical Engineering, I.I.Sc., Bangalore
Prof. M.M. Sharma, Kothari Research Professor, J.N. Centre for Advanced Research, Mumbai
Prof. J.P. Mittal, Director, Chemistry & Isotope Group, Bhabha Atomic Research Centre, Trombay, Mumbai
Prof. Girjesh Govil, DAE-BRNS Senior Scientist, Department of Chemical Sciences, Tata Institute of Fundamental Research, Mumbai
Prof. C.L. Khetrapal, Director, Centre of Biomedical Magnetic Resonance, Sanjay Gandhi P.G. Institute of Medical Sciences, Lucknow
Dr. Anil Kumar, Scientist, Physical Chemistry Division, National Chemical Laboratory, Pune
Prof. Ashok Misra, Former Director, IITB, 68 Adarsh Vista, Basavan Nagar, Vibuthipura, Bangalore
Prof. Goverdhan Mehta, Honorary Professor and CSIR Bhatnagar Fellow, Department of Organic Chemistry, Indian Institute of Science, Bangalore
Dr. S. Swaminathan, Head, Polymer Chemistry Division, National Chemical Laboratory, Pune.

Prof. P. Balram, Professor (Emeritus), Molecular Biophysics Unit, Indian Institute of Science, Bangalore
Dr. R.A. Mashelkar, National Research Professor, NCL, Pune.
Dr. Madhu Dikshit, Director, CSIR-CDRI, Lucknow

Prof. Archana Sharma Memorial Lecture Awardees

Prof. (Mrs.) Manju Sharma, Former Secretary, Govt. of India; President & Executive Director, Indian Institute of Advanced Research, Gandhinagar; Res. B9/6476 FF, Vasant Kunj, New Delhi-110070
Prof. Veena Tandon, Department of Zoology, North Eastern Hill University, Shillong
Prof. (Mrs.) Kasturi Datta, DBT Distinguished Biotechnology, Professor, School of Environmental Sciences, Adjunct Professor, Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi
Prof. Mahtab Bamji, INSA Hon. Scientist, Dangoria Charitable Trust, Hyderabad
Prof. Chandrima Saha, Director, National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi
Prof. Sneh Bhargava, Professor Emeritus and Formerly Director, AIIMS, New Delhi
Dr. Suchitra Banerjee, Chief Scientist, Plant Biotechnology Division, CSIR-CIMAP, Lucknow
Prof. Rohini M. Godbole, Centre for High Energy Physics, IISc, Bangalore.
Prof. Jaya Sivaswami Tyagi, AIIMS, New Delhi.

Prof. M.G.K. Menon Lecture Awardees

Prof. Balram Bhargava, Department of Cardiology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi – 110029
Dr. T.R. Sharma, Director, ICAR-National Research Centre on Plant Biotechnology, Pusa Campus, New Delhi
Dr. Ajay K. Parida, Director, ILS, Bhubaneswar

Prof. M.G.K. Menon Memorial Awardees

Prof. Govind Swarup, FRS, Former Director, NCRA/GMRT, TIFR, Pune
Prof. P N Tandon, President, National Brain Research Society, Manesar.
Prof. Manju Sharma, Former Secretary to GOI, New Delhi

Prof. V.P. Sharma Memorial Lecture Awardees

Dr. Padmanaban Govindarajan, INSA Senior Scientist/Hon. Professor, Indian Institute of Science, Bangalore; Senior Science and Innovation Advisor, BIRAC, DBT, New Delhi
Dr. V.P. Kamboj, Chairman, BCIL, New Delhi

Dr. P. Sheel Memorial Lecture Awardees

Dr. S.P. Gon Chowdhury, Deptt. of Science, Technology & Environment, Govt. of India
Dr. C.V. Seshadri, Director, Sri A.M.M. Murugappa Chettiar Research Centre, Madras
Prof. G.S. Venkataraman, Director, DBT Centre for BGA Biofertilizer, School of Biological Sciences, Madurai Kamraj University, Madurai
Dr. N.H. Antia, Chairman & Director, Foundation for Research in Community Health, Mumbai
Dr. Ashok Jhunjhunwala, Head, Deptt. of Electrical Engineering, I.I.T., Chennai
Dr. Anil Joshi, Himalayan Environmental Studies and Conservation Organization, Village – Ghisarapalli, P.O. Nehuwala Via Majra, Dehradun (Uttaranchal)
Prof. Sneh Bhargava, Formerly Director, AIIMS, A-103, New Friends Colony, New Delhi - 110065
Dr. S. Ayyappan, Secretary, DARE & Director General, ICAR, New Delhi
Prof. Balram Bhargava, Department of Cardiology, AIIMS, New Delhi.
Dr. R. Balasubramanina, Director, Institute of Mathematical Sciences, Chennai

Professor Saligram Sinha Memorial Lecture Awardees

Prof. K.S. Bilgrami, Head, PG Department of Botany, Bhagalpur University, Bhagalpur
Prof. (Mrs) Archana Sharma, CAS in Botany, University of Calcutta, Calcutta
Prof. Deepak Pentel, Professor of Genetics and Director, Centre for Genetic, Manipulation of Crop Plants, University of Delhi, New Delhi
Prof. S.K. Sopory, I.C.G.E.B., Aruna Asaf Ali Marg, New Delhi
Prof. C. Manoharachary, Emeritus Scientist (CSIR), Department of Botany Osmania University, Hyderabad
Prof. Pramod Tandon, Formerly V.C., NEHU; Professor, Department of Botany, North Eastern Hill University, Shillong
Prof. Madhav D. Gadgil, Former Professor, IISc, Bangalore

Prof. R.C. Gupta Endowment History of Science Lecture Awardees

Prof. Deepak Kumar, Zakir Husain Centre for Educational Studies, School of Social Sciences, Jawaharlal Nehru University, New Delhi
Prof. B.V. Subbarayappa, Past President, IUHPS, KT-3, Apts. 301, 14th Cross, 8th Block, Jaya Nagar, Bangalore
Dr. A.K. Bag, Advisor (History of Science), Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi - 110002
Prof. Rajesh Kochar, Formerly Director & Scientist, National Institute of Science, Technology and Development Studies (CSIR), New Delhi
Dr. P.P. Divakaran, Adjunct Professor, Chennai Mathematical Institute, Chennai
Prof. K. Ramasubramanian, Cell for Indian Science & Technology in Sanskrit, IIT Bombay, Mumbai.

Prof. H.Y. Mohan Ram, Formerly Professor of Botany, University of Delhi, Delhi.
Prof. P.N. Tandon, President, National Brain Research Centre, Manesar, Haryana.
Dr. Nitya Anand, Former Director, CDRI, Lucknow.

Prof. R.N. Tandon Memorial Lecture Awardees

Prof. Anupam Varma, Dean & Joint Director (Edn.), Indian Agricultural Research Institute, New Delhi
Prof. H.N. Verma, Professor & Head, Department of Botany, Lucknow University, Lucknow
Prof. H.Y. Mohan Ram, Formerly Professor of Botany, D.U., 194, SFS DDA Flats, S.P. Mukherjee Nagar, Delhi
Dr. Paramvir Singh Ahuja, Director, Institute of Himalayan Bioresource Technology, Palampur
Prof. Pramod Tandon, Vice-Chancellor, North-Eastern Hill University, Shillong
Prof. L.C. Rai, CAS in Botany, Banaras Hindu University, Varanasi
Prof. S.K. Sopory, Vice-Chancellor, Jawaharlal Nehru University, New Delhi
Prof. A.N. Purohit, Formerly Vice-Chancellor, HNB Garhwal University, Dehradun
Prof. Anil K. Tripathi, Director, CIMAP, Lucknow

Prof. B.K. Bachhawat Memorial Young Scientist Lecture Awardees

Dr. Pratima Srivastava, Scientist C, Pharmacokinetics and Metabolism Division, CDRI, Lucknow
Dr. Amita Gupta, Department of Biochemistry, University of Delhi, South Campus, Benito Juarez Road, New Delhi
Dr. Amit P. Sharma, Group Leader, Structural and Computational Biology Group, International Centre for Genetic Engineering & Biotechnology, New Delhi
Dr. (Smt.) Saman Habib, Scientist E-1, Division of Molecular & Structural Biology, Central Drug Research Institute, Lucknow
Dr. Ashish Arora, Scientist, Central Drug Research Institute, Lucknow
Dr. Mukesh Jain, Staff Scientist III, NIPGR, New Delhi
Dr. Anindita Ukil, Assistant Professor, Department of Biochemistry, University of Calcutta, Kolkata
Dr. Sanjeev Das, Staff Scientist V, National Institute of Immunology, New Delhi

Professor Shri Ranjan Memorial Lecture Awardees

Dr. L.M.S. Palni, Sr. Scientific Advisor-Biotechnology & Project Director, State Biotechnology Programme, U.S. Nagar, Uttarakhand
Prof. Jitendra Pal Khurana, Coordinator (UGC-SAP), Dept. of Plant Molecular Biology, University of Delhi South Campus, New Delhi
Dr. Sunil Kumar Mukherjee, Associate Scientist, Plant Molecular Biology Group, International Centre for Genetic Engineering & Biotechnology, New Delhi
Prof. Deepak Pental, Vice-Chancellor, University of Delhi, New Delhi
Prof. Akhilesh K. Tyagi, Director, NIPGR, New Delhi
Prof. Paramjit Khurana, Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi
Prof. Madhoolika Agrawal, Department of Botany, BHU, Varanasi

Award Lecture in the field of Toxicology

Dr. P.S. Chauhan, Formerly Head, Cell Biology Division, Emeritus Medical Scientist (ICMR), Biosciences Group, Bhabha Atomic Research Centre, Trombay, Mumbai
Prof. P.K. Seth, C.E.O. Biotech Park, Sector G, Jankipuram, Kursi Road, Lucknow
Prof. Alok Dhawan, Scientist EII, Development Toxicology Division, Industrial Toxicology Research Centre, Lucknow
Dr. Devendra Parmar, Scientist F & Head, Developmental Toxicology Division, Indian Institute of Toxicology Research, Lucknow
Prof. Nikhil Tandon, Endocrinology & Metabolism Dept., AIIMS, New Delhi
Prof. K.C. Gupta, Director, Indian Institute of Toxicology Research, Lucknow
Prof. Pramod Garg, Dept. of Gastroenterology, AIIMS, New Delhi

Prof. Krishnaji Memorial Lecture Awardees

Prof. M.G.K. Menon, Adviser, ISRO, Department of Space, Govt. of India, K-5 (Rear), Hauz Khas, New Delhi
Prof. Suresh Chandra, NASI-Senior Scientist Platinum Jubilee Fellow, Physics Department, Banaras Hindu University, Varanasi
Prof. S.K. Joshi, NASI Platinum Jubilee Chair, National Physical Laboratory, New Delhi
Prof. M. Vijayan, Molecular Biophysics Unit, Indian Institute of Science, Bangalore
Prof. Govind Swarup, Formerly INSA Honorary Scientist & Director, NCRA/GMRT, Pune
Dr. K. Kasturirangan, Hon. Distinguished Advisor, ISRO

Dr. Mridula Kamboj Memorial Lecture Awardee

Dr. MV Padma Srivastava, Professor of Neurology, AIIMS, New Delhi

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PROFORMA FOR SUBMITTING NOMINATION FOR ACADEMY AWARDS/LECTURES/MEDALS

Name of The Academy Awards/Lectures/Medals:

1. Name of the Applicant :
2. Date and place of birth :
3. Present position & official address :
4. Positions held earlier :
5. Academic qualifications :
6. Details of any earlier award(s) received :
(only give highlights of the work awarded)
7. (i) Significant contributions made in the field of
the Award (up to 2000 words) :
(ii) Summary of the most significant work in the
area on which award is being claimed (up to 500 words) :
(iii) Impact of the contributions (not exceeding 75 words) :
8. List of publications connected with concerned study :
(Enclose reprints of connected 5 research papers)
9. (i) List of applicant's most significant
publications in standard refereed journals only :
(ii) List of papers presented in Conferences/Symposia/Seminars :
(iii) List of the most outstanding Technical Reports/Reviews :
10. List of patents taken, if any :
11. List of Technologies commercialized :
12. Details of books published (if any) :
13. Any additional information of relevance :

Place :

Date :

Signature of the Fellow

Name, Designation & Address