



The National Academy of Sciences, India

5, Lajpatrai Road, Prayagraj-211002, India

Monthly Summary for the month of February 2022



NASI continued to contribute to the ‘Science & Society’ as per its mandate, observing COVID appropriate behaviour during the re-spread of the coronavirus. The office of the Academy also followed the necessary orders of the govt. regarding the preventive strategies and norms, during the pandemic; however, several programmes were organised online, as-

1. A Popular Science Lecture was delivered by **Dr Anil Suri**, Professor of Eminence, on Jan. 29, 2022 on ‘**Innovative approaches for the cancer treatment**’, under the auspices of the NASI-Rajasthan Chapter. The lecture was attended by a large group of participants.
2. An informative & interesting Webinar on “**Sustainable Agriculture and Health in a Challenging Environment**”, was jointly organised by the NASI-Rajasthan Chapter and Vanasthali Vidyapith on Feb. 17, involving a large group of students, teachers and scientists. Several recommendations were also made; a brief description about the issues discussed and the speakers etc. is given in the enclosures-**Annex. 1 ‘a & b’**.
3. NASI-KAU Chapter organised a National Webinar on **Emerging Techniques in Molecular Biology for Crop Improvement** on Feb. 16, which was very informative; and attended by many Fellows/Members of the Academy.
4. As a part of NASI’s **Science-Society Initiative** and *Azadi ka Amrut Mahotsav*, the Delhi Chapter of NASI organised a programme for the ‘Women in Science’ on Feb. 19 & 25. The distinguished speakers were – **Prof. Manju Sharma**, former Secretary to the GoI, and **Dr Shohini Ghose**, TED Senior Fellow. The brochure of the Webinar is enclosed as **Annex. 2** for brief description; the programme was attended by several women scientists, Fellows and Members of the Academy and others.
5. Several Chapters of the NASI have started scientific programmes on the eve of the **National Science Day**. The NASI-Uttarakhand Chapter has initiated the programme on Feb. 22 (**Annex. 3**), while NASI-Mumbai Chapter, NASI-Jharkhand Chapter and NASI-HQ, have already finalised the detailed programmes (please see **Annex. 4- a, b c & d**). A large group of students, teachers and scientists are expected to participate in these programmes. Several Science Teacher Awards are also to be given on this occasion to motivate the school teachers of different regions of the country.

Several other NASI Chapters, are also organising online scientific activities. A few other programmes were undertaken by other groups. NASI also announced/invited nominations for the prestigious awards, as **NASI-Reliance Industries Awards for Action Oriented Research**; and **NASI-Platinum Jubilee Young Scientist Awards** for the innovative research.



International Webinar

17-02-2022, |03:00 PM to 7:00 PM (IST)

Sustainable Agriculture and Health in a Challenging Environment

Annex. 1 'a'



Special Invitees



Chief Guest

Prof. T. P. Singh

SERB Distinguished Fellow &
Professor, AIIMS, New Delhi



Tania Friederichs

Senior Policy Officer
Director General European Commission RTD
& Director, International cooperation.



Dr. AP Maheshwari

Patron Lung Care Foundation,
Former IPS Director General CRPF -
Advisor to Lt Pudukherry;
Ministry of Home Affairs



Prof. Karambot Siddique

Director and Hackett Professor of
Agriculture Chair, The University of
Western Australia, Australia,



Plenary Talk speaker

Prof. Vinay Sharma

Director Amity Institute of Biotechnology,
Amity University Rajasthan



Dr. Ranjay Singh

Principal, ICAR-Central Soil Salinity Research Institute,
Karnal-132001, Haryana, India



Dr. C. Bharadwaj

Principal Scientist
IARI, New Delhi

Key Note Speakers

Supported by: NASI-Rajasthan Chapter

Organizer: Dept. of Bioscience & Biotechnology, Banasthali Vidyapeeth - Rajasthan



REGISTER NOW

<https://forms.gle/8SYAiSStGbTuS6uf6>



E-Certificate will be provided to all participants

No Registration Fee



Sustainable Agriculture and Health in a Challenging Environment



Supported by: **NASI-Rajasthan Chapter**
Organized by: **Dept. of Bioscience and Biotechnology, Banasthali Vidyapeeth**

17th February 2022 (Thursday), 3:00 pm to 6:30 pm IST

(Participants and organizers join at 02:30 pm, speakers at 2.50 pm)

Adaptation and well-being in challenging times and environments is crucial. Agriculture and health are indispensable to human survival and societal progress. With worldwide human population growth, climate change, COVID pandemic, increasing demand for economic development has placed substantial pressures on sustainable agriculture and health. Agricultural and health sustainability has become a critical problem that is central to the supportable development of complex socio-economic–natural systems.

Failure to address these globally looming issues in an integrated manner poses a crippling inability to address them with any sense of urgency. Although many “green” solutions and technological means are available to tackle these issues, it is our lack of moral vision and impoverished understanding of the human-nature linkage that has hindered us in moving in the right direction.

Therefore, necessary sustainable steps should be taken to handle all these issues. This International Webinar brought together a large number of researchers, students, and professionals from all over the world to discuss the technological developments, solutions, policies and applications on sustainable agriculture and environment.

The webinar offers a framework for discussion about the research and innovation roadmap to solve the world's biggest problem and give an insight about opportunities available in India and abroad for students and faculties

Happy to introduce our Chief Guest, **Prof. TP Singh** (SERB Distinguished Fellow Distinguished Professor, AIIMS New Delhi), our esteemed invited speakers for inaugural session include **Tania Friederichs**, Senior Policy Officer, Director International Cooperation, RTD General for Research and Innovation, European Commission, Brussels, **Prof Kadambot Siddique**, Director and Hackett Professor of Agriculture Chair, The University of Western Australia, Australia, **Dr Anand Prakash Maheshwari**, Patron Lung Care Foundation, Former IPS Director General CRPF - Advisor to Lt Puducherry; Spl. Secretary to Ministry of Home Affairs, India, **Prof Vinay Sharma**, Director Dean - Academics, Director, Amity Institute of Biotechnology Amity University, Raj, India, **Dr Ranjay Singh** Principal Scientist, Department of Technology Evaluation & Transfer, ICAR-



Sustainable Agriculture and Health in a Challenging Environment



Supported by: **NASI-Rajasthan Chapter**
Organized by: **Dept. of Bioscience and Biotechnology, Banasthali Vidyapith**

Central Soil Salinity Research Institute Karnal & **Dr. C. Bharadwaj**, Principal Scientist,
IARI, New Delhi

We will discuss some of the vital aspects such as:

1. Innovative ways to transform healthcare and agriculture to meet the present needs of the populations.
2. Discussion about the research and innovation roadmap to solve the world's biggest problem in sustainable agriculture and health care.
3. Research and innovation opportunities available in India and abroad for the students and faculties.
4. Discussion of the cooperation strategy among India and Europe.
5. Skills needed for our citizens and students to address an unprecedented threat.



Sustainable Agriculture and Health in a Challenging Environment



Supported by: NASI-Rajasthan Chapter
Organized by: Dept. of Bioscience and Biotechnology, Banasthali Vidyapith

Webinar Program Schedule

Date – 17-02-2022 (Thursday), 3:00 pm to 6:30 pm IST

S. No.	Time (IST)	Schedule
1.	3:00 pm - 3:15 pm	Welcome of Dignitaries: Dean (R & D), Banasthali Vidyapith Introduction to Programme and brief about National Academy of Sciences (NASI), India (Rajasthan Chapter): Prof. H. N. Verma FNASc, Chairman, NASI Rajasthan Chapter; Vice-Chancellor Jaipur National University
2.	3:15 pm - 3:45 pm	Inaugural Address: Prof. T P Singh SERB Distinguished Professor, AIIMS, New Delhi
3.	3:45 pm - 4:15 pm	Plenary Talk: Prof Vinay Sharma Director Dean -Academics, Director, Amity Institute of Biotechnology Amity University, Raj, India,
4.	4:15 pm - 4:45 pm	Prof. Kadambot Siddique (Esteemed Special guest) Director and Hackett Professor of Agriculture. The University of Western Australia, Australia
5.	4:45 pm - 5:15 pm	Tania Friederich, (Esteemed Special guest) Senior Policy Officer, Director International Cooperation, RTD General for Research and Innovation, European Commission, Brussels
6.	5:15 pm - 5:45 pm	Dr Anand Prakash Maheshwari, (Esteemed Special guest) Patron Lung Care Foundation, Former IPS Director General CRPF - Advisor to Lt Puducherry; Spl. Secretary to Ministry of Home Affairs, India
7.	5:45 pm - 6:15 pm	Dr Ranjay Singh (key Note speaker) Principal Scientist, Department of Technology Evaluation & Transfer, ICAR-Central Soil Salinity Research Institute Karnal
8.	6:15 pm - 6:30 pm	Dr. C. Bharadwaj (Key Note Speaker) Principal Scientist, IARI, New Delhi
9.	6:30 pm - 6:45 pm	Vote of thanks: Prof. N.K. Lohiya , FNASc, NASI Senior Scientist & Secretary-NASI Rajasthan Chapter Department of Zoology, University of Rajasthan, Jaipur



Women in Science Lecture Series



On the Eve of the 75 years of Independence, the National Academy of Sciences, India (NASI) is celebrating Azadi Ka Amrit Mahotsav through different science and society initiatives. As part of NASI's science and society initiative, Delhi Chapter of NASI and Jaypee Institute of Information Technology (JIIT, Noida) will jointly organize a series of lectures entitled, "Women in Science Lecture Series". All the lectures of this series will be delivered by the eminent Women Scientists. The lectures will be aimed to motivate young female students involved in UG, PG and PhD programs to continue science. All the talks will have two parts. In one part, the speaker will speak lucidly about her research works and the other part will be focused to inculcate confidence among the young students that even they can do top-class science and thus contribute to the society. Some practical problems that a growing scientist faces and how to circumvent those may also be discussed during the interaction sessions at the end.

We are glad to announce first two lectures of the series (details are given below). Kindly make it convenient to join and encourage your students to actively participate in the discussion.

Lecture 1

About the speaker



Dr. Manju Sharma

Dr. Manju Sharma is currently Distinguished Women Scientist Chair of NASI (The National Academy of Sciences, India). For her outstanding contributions, she has received the Padma Bhushan award. She is a well-known biologist and science administrator who has played critical role in the development of biotechnology and related areas in India. She served as the Secretary, DBT (GoI). She was the backbone for the first focused scheme on women and development in science, which was operated by the Department of Science and Technology. She was the first chairperson of the International Council for Science's Forum on Science for Women. She was also the first woman president of the National Academy of Sciences (1995–96). At present she is NASI-DST Distinguished Woman Scientist Chair; and the Chairperson, NASI-New Initiatives and the 'Science-Society' Programmes of the NASI. She also leads the joint Panel of three Science Academies of India for the STEM.

Title: Science and Technology for Rapid Progress of Women

Date: 19th February 12 noon to 1 pm (Indian Standard Time)

Zoom link: <https://us02web.zoom.us/j/86265121925?pwd=emdEL0YxTnZSMEJFNWZzOXo4SW9oQT09>

Meeting ID: 862 6512 1925, Pass code: 034537

Link for YouTube Live Telecast: <https://www.youtube.com/channel/UCWgXoRptNM7-cEgkxthRCFg>

Lecture 2

About the speaker

Dr. Shohini Ghose, TED Senior Fellow and NSERC Chair for Women in Science & Engineering is well-known for her outstanding works on quantum information and related areas. She is a Professor of Physics and Computer Science at Wilfrid Laurier University. She is also the President of the Canadian Association of Physicists, the Co-Editor in Chief of the Canadian Journal of Physics, and the Director of the Laurier Centre for Women in Science. In 2017 she was elected to the Royal Society of Canada's College of New Scholars, Artists and Scientists.

Title: Seeing the Invisible: A Quantum Journey

Abstract: Take a trip to quantum wonderland. Your journey will include a guided tour of the strange quantum world, a stopover to explore quantum computers and the quantum internet, and a glimpse of the quantum future. The itinerary includes surprising lessons about science and about being a scientist.

Date: Date: 25th February 6 pm to 7.30 pm (Indian Standard Time)

Zoom link <https://us02web.zoom.us/j/88959270773?pwd=TEt6Q0NNM3dtanRYWkk1d0I3Ly9ZZz09>

Meeting ID: 889 5927 0773, Pass code: 945767

Link for YouTube Live Telecast: <https://www.youtube.com/channel/UCWgXoRptNM7-cEgkxthRCFg> More Info. about speaker: [Link-1](#), [Link-2](#)



Dr. Shohini Ghose

Convener

Prof. Anirban Pathak

anirban.pathak@jiit.ac.in

Prof. Papia Chowdhury

papia.chowdhury@jiit.ac.in

To attend these talks and receive announcements of other talks of this series kindly fill the form <https://forms.gle/ehFrhwYrEUxGLVJv6>

DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE AND ENGINEERING
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
A-10, Sector-62, Noida-201 309, Uttar Pradesh, India



Inauguration of a week-long festival of Science and Technology “Vigyan Sarvatra Pujate” on 22 February 2022 at UCOST

A week-long festival of Science & Technology, “Vigyan Sarvatra Pujate” is organized jointly by the Vigyan Prasar, an autonomous body of the Department of Science & Technology, Government of India, Uttarakhand State Council for Science and Technology (UCOST), Uttarakhand and **National Academy of Sciences (NASI-UK Chapter)** on February 22-28, 2022 at UCOST. The welcome address was delivered by Dr D.P.Uniyal, Joint Director, UCOST, Dehradun. The inaugural session was addressed by Dr Rajendra Dobhal, Director General, UCOST, Dehradun. He talked about the history of science, the importance of the popularization of science and the role of scientists in benefiting society. The chief guest of the programme was Prof. R.C. Sobti, Former Vice-Chancellor, Panjab University, Chandigarh. He delivered an informative lecture on “Emerging Technologies in Biomedical Sciences: Precision in Health Care.” He also emphasized the importance of multidiscipline collaborations in providing efficient health services to society. Prof A.N. Purohit Former VC, HNB Garhwal University, Srinagar and Dr B.R. Arora, Former Director, WIHG, Dehradun were also present on this occasion. Lastly, Dr Aparna Sharma, Sr. Scientific Officer, UCOST, Dehradun, gave a vote of thanks to all the speakers and participants. The event was followed by the inauguration of the exhibition. Eminent government and non-government institutions like Indian Institute of Remote Sensing (IIRS), Survey of India, Himalayan Action Research Centre (HARC), SPECS, Indian Institute of Petroleum, Instruments Research for Development Establishment (IRDE), Natraj Publisher, National Innovation Foundation, Wildlife Institute of India, Wadia Institute of Himalayan Geology, Tula’s Institute, Defence Electronics Applications Laboratory (DEAL), Krishivan Samiti, M/S Bishen Singh Mahendra Pal Singh etc., participated in the exhibition. The session was continued by the screening of the different science-based films. The event was organized through hybrid (online and offline) mode in which more than 250 students and officials participated. On this occasion UCOST staff, Biotech Council staff, government officials and scientists were present.

The National Academy of Sciences, India Annex. 4 'a'

(Mumbai Chapter)

in association with

Shri Vile Parle Kelavani Mandal's

Dr. Bhanuben Nanavati College of Pharmacy, Mumbai



Organizing

National Science Day (NSD) - 2022
Programme on the Theme

*'Integrated Approach in S&T for
Sustainable Future'*

Monday, February 28, 2022
(10:00 – 16:30 hrs)



Speakers

Dr. Sudeep Gupta

Director, Advanced Centre for Treatment, Research &
Education in Cancer, Kharghar, Navi Mumbai

Dr. Ashok Menon

Director, Sustainability Strategy, APAC SABIC R&T India Pvt
Ltd, Bengaluru

Professor M.S. Balakrishna

Department of Chemistry, Indian Institute of Technology Bombay
Powai, Mumbai 400076 INDIA

Professor Munira Momin

Principal, SVKM's Dr. Bhanuben Nanavati College of Pharmacy
Vile Parle (W), Mumbai

Poster Competition

Abstracts are invited for poster
competition related to NSD-2022 theme.

Send your abstract at

bncp.conference@gmail.com

**Poster entries received after 24-02-
2022 will not be considered**

**Attractive
Prizes for Best
Posters**

Patrons

Shri Amrishbhai Patel

President- Shri Vile Parle Kelavani Mandal

Shri Jayesh Choksi

Chairman- Gufic Biosciences Ltd. &
Mentor- BNCP

Convenors

Prof. P A Hassan

Secretary, NASI-MC

Prof. Munira Momin

Principal (BNCP)

Chief Coordinator

Dr. Tabassum Khan

Professor & HoD, Pharm Chem

Coordinators

Dr. Atul Sherje

Asst. Professor, Pharm Chemistry

Dr. Maheshkumar Borkar

Asst. Professor, Pharm Chemistry

Registration Link:

<https://forms.gle/u5wbWYKMag3yPXjo7>

Scan the QR code for registration



Last date for registration:

24th February 2022

About SVKM's Dr. Bhanuben Nanavati College of Pharmacy

Located at Vile Parle (West) Mumbai, SVKM's Dr. Bhanuben Nanavati College of Pharmacy is one of the premier Pharmacy Institutes in the State of Maharashtra. The college conducts B. Pharm., M. Pharm. (Pharmaceutics, Quality Assurance and Pharmacology) and Ph.D. (Pharmaceutics & Pharmaceutical Chemistry) programmes. The B. Pharm. programme is NBA-accredited. The college is ranked 28 in All India Pharmacy Colleges by NIRF ranking 2021. The college has received AICTE-CII award for "Best Industry-linked Pharmacy Institute" for the years 2015 & 2017 and Platinum Category in 2016.

About The National Academy of Sciences, India (Mumbai Chapter)

Established in the year 1930, the National Academy of Sciences, India (NASI), is the oldest science academy in India. Headquartered in Prayagraj (U.P.), the NASI envisions cultivation and promotion of S&T in all its branches through – Promoting scientific and technological research related to the problems of societal welfare; Publication of proceedings, journals, memoirs, transactions and other works as may be considered desirable; Organising meetings and hold discussions on scientific and technological problems; Undertaking, through properly constituted committees and bodies, the scientific work(s) of technological or public importance; Co-operating with other organizations in India and abroad, having similar objects, and to Appoint representatives of the Academy to act on national and international bodies; Securing and managing funds and endowments for the promotion of science and technology; Organising a Science Library; Performing all other acts, matters and things that may assist in, conduce to, or be necessary for the fulfilment of the above mentioned aims and objects of the Academy; Creating an adequate impact of the Academy all over the country, by opening Chapters of the Academy in other cities in the country, where reasonable number of Fellows and Members are available. Mumbai Chapter (NASI-MC) is one such chapter of the NASI. In sync with the vision and mission of the Academy, the NASI-MC organizes a number of activities throughout the year in different parts and institutions in Mumbai and adjoining areas. (For further details of the Academy, please browse through the official website of the Academy: <http://www.nasi.org.in>)

About the Programme

National Science Day (NSD) is celebrated in India every year on 28th February to commemorate the discovery of the 'Raman Effect' for which Sir C.V. Raman was awarded the Nobel Prize in 1930. The Nation celebrate this day by carrying out theme-based science communication activities throughout the country. The theme for the NSD programme this year is announced as '*Integrated Approach in S&T for Sustainable Future*'.

The National Academy of Sciences, India (Mumbai chapter) is organizing this event as a part of the National Science Day celebration. The programme comprises of: i) Four lectures on topics relevant to this year's NSD theme. These lectures will focus on contributions of the scientific community towards sustaining human health, livelihoods, technology, etc., and ii) Self-explanatory posters display on subject matters relevant to this year's NSD theme; these posters will be prepared by the students from various academic institutions in and around Mumbai.

Important Note:

- **Registration:** Free, but mandatory
- **E-certificate:** E-certificate will be issued to the registered participants within one-week from the date of event after successfully attending the programme and submission of feedback.
- **Event Details:** The sessions will be conducted through MS Teams online platform. Event details and meeting link will be sent to the registered participants through email.

Contact Details

SVKM's Dr. Bhanuben Nanavati College of Pharmacy, SVKM Campus, V.M. Road, Vile Parle (W), Mumbai- 400 056

For queries contact us:

E-mail: bncp.conference@gmail.com

Dr. Tabassum Khan- 9892475606

Dr. Atul Sherje- 9619099119

Dr. Maheshkumar Borkar- 9923140227

Follow us





DIRECTOR & STAFF CSIR NML AND
JHARKHAND CHAPTER OF NASI,
CORDIALLY INVITE YOU
ON

Annex. 4 'b'



NASI JHARKHAND
CHAPTER



National Science Day

ON TUESDAY, THE 28TH OF FEBRUARY, 10:00 AM
AT CSIR-NML AUDITORIUM, JAMSHEDPUR

JOIN US IN CELEBRATING THE SCIENCE DAY

Chief Guest:

PROF. INDRANIL MANNA

Vice-Chancellor, BIT Mesra, Ranchi



PROGRAMME SCHEDULE

28th February, 2022
(10.00 am - 11.30 am)

- Welcome Address : Dr. I. Chatteraj, Director, CSIR-NML, Jamshedpur
- About the Programme : Dr. Arvind Sinha, Chairman, NASI Jharkhand Chapter
- Address by the Chief Guest : Prof. I. Manna, Vice-Chancellor, BIT Mesra, Ranchi
- Award Ceremony : Best Science Teacher Award 2021-2022
- Vote of Thanks : Dr. R.K. Sahu, Secretary, NASI Jharkhand Chapter

The National Academy of Sciences, India

5, Lajpatrai Road, Prayagraj -211002

NATIONAL SCIENCE DAY CELEBRATION (offline & online mode)

Theme: 'Integrated Approach in S&T for Sustainable Future'

on

Date: Feb. 28nd, 2022

Time: 10.15 am to 2.00 pm

-- Tentative Programme --

- ❖ **Welcome** : Prof. U.C.Srivastava, Coordinator, SCP & Treasurer, NASI
- ❖ **Introductory Remarks** : Prof. Madhoolika Agrawal, General Secretary (HQ), NASI
- ❖ **Special Remarks** : Prof. Manju Sharma, Past President, NASI
- ❖ **Key-note Address** : Prof. Soma Venugopal Rao, University of Hyderabad, Hyderabad
- ❖ **Presidential Address/ Lecture** : Prof. Ajoy Ghatak, President, NASI
(Topic: Development of Science & Technology in India)
- ❖ **Inaugural Address** : Dr. Renu Swarup, Former Secretary, DBT, Govt. of India
- ❖ **Felicitation and Conferment of NASI-Science Teacher Awards**
- ❖ **Vote of thanks** : Dr. Niraj Kumar, Executive Secretary, NASI

(High Tea/Lunch)

Note: The programme will be organized following all safety measures to combat the COVID pandemic.



Jharkhand Chapter of NASI *proudly announces the winners of* **Best Science Teacher Awards 2021-22**



Category-I (Class VI-VIII)

Ms. Manisha Dhawan

TGT (Science), Public High School, Ramgarh



Category-II (Class XI-XII)

Ms. Anju Kumari, PGT (Biology)

B.P.M +2 High School, Burma Mines, Jamshedpur

The winners will be felicitated in the upcoming National Science Day Celebrations at CSIR-NML (in online mode)

The National Academy of Sciences, India (NASI)

5, Lajpatrai Road, Prayagraj – 211002

NASI-RELIANCE INDUSTRIES PLATINUM JUBILEE AWARDS FOR THE YEAR 2022 FOR APPLICATION ORIENTED INNOVATIONS COVERING BOTH PHYSICAL AND BIOLOGICAL SCIENCES

NASI invites nominations for the *NASI-Reliance Industries Platinum Jubilee Awards for APPLICATION ORIENTED INNOVATIONS* for the year 2022. The nominee should be an Indian citizen / Overseas Citizen of India working in India and below the age of 50 years as on April 15, 2022.

Areas for the Awards – Physical Sciences, including – Chemistry, Engineering, Mathematics, Physics, Electronics, Nanotechnology, Information & Computer Sciences, Earth and Atmospheric Sciences; **Biological Sciences**, including – Agriculture, Animal and Plant Sciences, Environment, Biotechnology, Biochemistry, Bioprocess Engineering, Bioinformatics, all branches of medical sciences and Nanotechnology.

Number and Value of Awards – three in Physical Sciences and three in Biological Sciences each year. Each award carries a Plaque and Rs. 3 lakhs in cash.

Nominators and Last Date – All Science Secretaries, Secretary HRD, Director Generals – CSIR, ICMR & ICAR; Directors of IITs, IIITs, National Laboratories/Institutes, Industries with well recognized R&D units including private research institutions; Vice-Chancellors of all Universities – Central & State; Directors of Indian Institute of Science, Bangalore, AIIMS, New Delhi, PGI's of Medical Research, Chairman, UGC; Presidents of all Science and Engineering Academies (Engineering, Medical, Agriculture); All Fellows of the NASI.

The nomination shall be made in the prescribed format. One hard copy of the nomination form along with one soft copy (by email), complete in all respect with the supporting documents, must reach the Academy latest by April 15, 2022. A candidate may only be nominated once. However, a nomination will remain valid for consideration for 3 years or the age eligibility which ever expires earlier.

Selection of the Awardees – As per Regulations of NASI

Presentation of the Awards – The presentation of the Awards will be made at the time of 92nd Annual Session of NASI, to be held in December 2022.

Details and Nomination form for the award are also available on NASI's website <http://www.nasi.nic.in>

NOMINATION FORM

NASI – Reliance Industries Platinum Jubilee Awards for APPLICATION ORIENTED INNOVATIONS for the year 2022, covering both Physical & Biological Sciences

(One hard copy of nomination with one set of reprints of not more than 10 publications which you consider the best in the last 5 years; also the soft copy of nomination along with all relevant information be forwarded on NASI's email – nasi.allahabad1@gmail.com)

1. Name of the Nominee
2. Date & place of birth (Attach proof for age)
3. Present position / designation
4. Address with Tel / Fax / Email (a) Official (b) Residence
(any change may be immediately informed)
5. Academic qualifications (give in the form of a table from Bachelor's degree onwards along with subject, division, name of institutions, year)
6. Positions held (in chronological order)
7. (a) Current area of research (give particulars in not more than 200 words); (b) **Details of technologies developed and commercialized or ready for commercialization**; (c) The certificate/letter from appropriate organization(s) stating that the specific technology has been transferred for commercialization of the product or process by the nominee; (d) List of publications in indexed journals (exclude abstract of presentations made in conferences/seminars, etc.; attach copies of not more than ten publications which you consider the best in the last 5 years); (e) List of patents granted/applied for, if any; (f) List of books/ book chapters written; (g) Particulars of citation index of ten publications as submitted in 7(d).
8. Particulars of membership/fellowship in academies/societies/professional bodies.
9. Awards (give full particulars such as the agency/organization which gave the award, purpose, the nature of the award etc.)
10. The Nominator to give a brief write-up (max. 2 pages) outlining **significant research contributions reflecting application oriented innovations made by the nominee during the last five years** for which he/she is recommended for the present award.
The nominator should also get recommendations from two additional experts in support of the "Application Oriented Work" of the nominee.
11. Any other information in support of the nomination for this Application Oriented Award.

Certificate

This is to certify that the above information about the nominee is correct.

(Signature of Nominator)

Name & Address with seal

Date & Place

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

NASI-YOUNG SCIENTIST PLATINUM JUBILEE AWARDS FOR THE YEAR 2022

NASI invites nominations for the above awards for the year 2022. The nominee should be an Indian citizen / Overseas citizen of India working in India and below the age of 35 years as on April 15, 2022. The award has been instituted by the NASI to recognize promise, creativity and excellence in young scientists. The award shall be made in recognition of notable contributions made by him/her in any branch of S&T recognized by the NASI **on the basis of work carried out in India.**

Number and Value of Awards

The number of awards to be made in any year will be limited to thirty only. Each award carries a Citation, Bronze Medal and Rs. 25,000 in cash.

Nominators and Last Date

A candidate may be proposed by a Fellow of the National Academy of Sciences, India. Scientific Society of national standing, university faculty, Post-Graduate department or research institutions may also make nominations of eligible candidates.

A candidate may only be nominated once. However, a nomination will remain valid for consideration for 3 years or the age eligibility which ever expires earlier.

The nomination shall be made in the prescribed format. One hard copy of nomination form along with one soft copy (by email), complete in all respects along with one copy of reprints of five most important publications (both in hard & soft); and all other supporting documents, must reach the Academy latest by April 15, 2022.

Selection of the Awardees

As per Regulations of NASI.

Presentation of the Awards

The presentation of Awards will be made by the President, NASI, at the time of Annual General Body Meeting to be held in Dec. 2022.

Details and Nomination form also available on NASI's website <http://www.nasi.nic.in>

NOMINATION FORM

NASI-YOUNG SCIENTIST PLATINUM JUBILEE AWARDS FOR THE YEAR 2022

(One hard copy of nomination + one copy of reprints of not more than 5 publications which you consider the best, and all other supporting documents to be submitted by post; also the entire details and the nomination be submitted on NASI's email – nasi.allahabad1@gmail.com)

1. Name in full (surname, followed by first & middle name in block letters)
2. Present institutional address and number of telephone, fax and e-mail (any change may be immediately informed)
3. Address for correspondence and number of telephone, fax and e-mail
4. Date of Birth: _____
Age: _____ Years _____ Months _____ (as on April 15, 2022)
(certificate of the age duly attested by Gazetted Officer/Head of institution must be enclosed.)
5. Academic qualifications (beginning with the Bachelor's Degree in a tabular form)
6. Details of employment and nature of duties
7. Awards and other recognitions received (if any)
8. Field of specialization [Biological (Plant Sciences/Bio-medical Sciences) / Physical / Chemical Sciences]
9. Summary of research work (Not more than three pages)
10. Statement about research contribution of the nominee for which the candidate has been nominated (not exceeding 500 words). Also provide a statement in 50 words which may be used for citation. (the work done in India alone will be the basis for consideration for the award)
11. List of publications and/or patents of the nominee: Information should be provided under three heads: (a) published papers; (b) papers accepted for publication; and (c) five most important publications. Please note that the manuscripts under preparation or abstracts of presentations should not be mentioned. The list should clearly indicate the journal in which the paper was published, year of publication, page number and names of all authors. (Please enclose one set of reprints/photocopies of not more than 5 publications which you consider the best).
12. Name, designation and full address of proposer of the nomination.

(Signature of the Nominator)
Name & Address with seal

Date :
Place :