

The National Academy of Sciences, India

5, Lajpatrai Road, Prayagraj-211002, India



Summary of the Activities, held in the month of August 2023

1. An awareness campaign “**Angdaan Mahotsav**” was organized as per direction of the ‘**National Organ and Tissue Transplant Organization (NOTTO)**’ under the Department of Health and Family Welfare and the Ministry of Health and Family Welfare, Govt. of India, after receiving the letter from the esteemed **DST, GoI**. The schools & colleges were informed and enthused to participate in the awareness campaign for such pious cause. The local medical doctors (as Prof. Ashish Tandon, Senior Chest Specialist) of national repute delivered popular medical lectures on the concluding day on Aug. 3, 2023; and also interacted with the students (please see the note/photograph – **Annex.1**)
2. NASI, Prayagraj is the first Science Academy of India, established with a mandate- ‘**Science & Society**’. Therefore, right from its inception in 1930, the Academy is striving hard to promote & popularize science & technology, all across the country (through its 22 Chapters now); its Fellows & Members organized several activities to celebrate **Azadi ka Amrut Mahotsav**. Recently on Aug 11, 2023, a nice programme with two very interesting & illustrative lectures, was organized at NIPGR, New Delhi during which Prof. P. N. Tandon, Past President, NASI & father of neurosurgery in India, was felicitated on his 95th Birthday. The programme was inaugurated by Hon’ble Professor Murlu Manohar Joshi, former Union Minister, GoI. Several other eminent scientists, students and teachers were also present on this occasion (please see a brief note, enclosed herewith – **Annex. 2**).
3. The National Academy of Sciences, India (NASI), Prayagraj, also celebrated the Independence Day with great enthusiasm (please see a copy of the programme enclosed herewith- **Annex. 3**).
4. The Mumbai Chapter of the NASI organized a ‘Workshop on Oral Health & Hygiene’ on 21st Aug. 2023 (please see the pamphlet for further details, as **Annex. 4**).
5. The Academy celebrated the AKAM on Aug. 25, and also dedicated the Students Science Meet to late Prof. U. S. Srivastava, Past President, NASI, who was the crusader of the Science Communication Programs in the Academy (please see a copy of the programme and other details as **Annex. 5 ‘a’ & ‘b’**).
6. The Academy also actively organized the meetings of **Inter Academy Panel for Women in Science**; a SWATI Portal (to be activated soon), has been created for easy access of information/data regarding the Women in Science, on a multidimensional web-portal.
7. The **Publications of the Academy** are also regular; and achieving the desired milestones with good impact factor.

The NASI-Secretariat organized several important meetings, as the Membership & Fellowship Scrutiny Committee, Science & Society Committee, Finance Committee and the Council, on Aug-24-26, 2023.



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“ANGDAAN MAHOTSAV”

Dedicated to ‘Azadi Ka Amrut Mahotsav’

“Awareness-cum-Appeal” on the occasion of

‘Indian Organ Donation Day’

3rd August, 2023

Time: 11.00 a.m.

at

**‘The National Academy of Sciences, India’
5-Lajpatrai Road, Prayagraj**

Programme

Welcome: Dr Pavitra Tandon, NASI

Introduction: Dr Niraj Kumar, NASI

Popular Medico-lecture: Prof. Ashish Tandon, Senior Medical Specialist

Interactive Session: All Students & Teachers (Coordinated by Dr Santosh Shukla, NASI)

Felicitation of the Guest: Sri B P Singh, NASI

Vote of thanks: Sri A K Srivastava, NASI

Visit to Ganga-gallery & Refreshment

अनभिज्ञता एवं जागरूकता की कमी ही अंग दान में बाधक : डॉ. आशीष टंडन



तालमेल एक्सप्रेस प्रयागराज। राष्ट्रीय विज्ञान अकादमी द्वारा अंगदान महोत्सव एवं जागरूकता अपील पर व्याख्यान आयोजित किया गया। जिसमें जनपद के बीस विद्यालयों के लगभग दो सौ विद्यार्थियों एवं शिक्षकों ने प्रतिभाग किया। कार्यक्रम के प्रारंभ में डॉ. पवित्रा टंडन ने अतिथियों का स्वागत किया। कार्यकारी सचिव डॉ. नीरज कुमार ने मुख्य अतिथि एवं प्रमुख यत्ना नगर के प्रतिष्ठित चिकित्सक डॉ. आशीष टंडन का

परिचय देते हुए चिकित्सा के क्षेत्र में उनकी उपलब्धियों के बारे में बताया। मुख्य अतिथि डॉ. आशीष टंडन ने अपने व्याख्यान में अंग दान के महत्व को बताते हुए कहा कि धुनींग्य से अनभिज्ञता, पूर्वाग्रहों एवं जागरूकता का अभाव अंग दान के दर को रोकने में बाधक है। जिसके कारण प्रत्यारोपण के लिए आवश्यक अंगों की भारी कमी है। जबकि जीवित या मृत व्यक्तियों द्वारा कई अंगों को दान किया जा सकता है। एक जीवित

व्यक्ति अपनी एक किडनी, एक फेफड़ा, लीवर और अग्न्यास्य का एक हिस्सा और कानिया, त्वचा, हड्डी एवं हृदय वाल्व जैसे उतक दान कर सकता है। यदि जीवित रहते हुए अपना अंग दान नहीं कर सकते तो संकल्प पत्र भर कर अपने मृत्यु के बाद भी अपने अंगों का दान कर के किसी और व्यक्ति को नया जीवन प्रदान करने का एक मौका प्रदान कर सकते हैं। भारत में स्वास्थ्य एवं परिवार कल्याण मंत्रालय के तहत राष्ट्रीय अंग और ऊतक

प्रत्यारोपण समूह (नोटो) अंगदान और प्रत्या रोपण की देखरेख और सुविधा प्रदान कर रहा है। जिसके माध्यम से हमें अपना जीवन रहते अंगदान की पहल करके एक पुनीत कार्य कर लेना चाहिए। इस अवसर पर उपस्थित वैज्ञानिकों एवं मुख्य अतिथि द्वारा विद्यार्थियों एवं शिक्षकों के द्वारा पूछी गई जिज्ञासाओं को भी शांत किया गया। खरंटों के संबंध में पूछे गए एक प्रश्न के उत्तर में डॉ. आशीष टंडन ने बताया की खरंटों को हमें बहुत हल्के में

नहीं लेना चाहिये। स्लीप एपनिया गंभीर बीमारियों का एक चक्र है। जिसमें रक्त में कोलेस्ट्रॉल के स्तर में वृद्धि के बाद, मोटापा, मधुमेह एवं सोते समय खरंटों की वजह से सांस में रुकावट और परिणाम स्वरूप दिमाग में रक्त की कम मात्रा की आपूर्ति फालिज और कमी-कमी नौद में ही जान लेना साबित होती है। जिसके लिए हमें समय रहते किसी योग्य चिकित्सक से इलाज प्रारंभ कर लेना चाहिये। कार्यक्रम के

समापन पर राष्ट्रीय विज्ञान अकादमी के बी. पी. सिंह ने स्मृति चिन्ह भेंट कर अतिथियों का आभार व्यक्त किया। कार्यक्रम का संचालन उप कार्यकारी सचिव डॉ. संतोष शुक्ला एवं धन्यवाद ज्ञापन ए.के. श्रीवास्तव ने किया। कार्यक्रम का संयोजन टैगोर पब्लिक स्कूल के रसायन शास्त्र के वरिष्ठ प्रवक्ता संजय श्रीवास्तव ने किया। इस अवसर पर डॉ. रश्मि मिश्रा, आशुतोष, नवीन श्रीवास्तव, मीरा एवं अचिन्त आदि उपस्थित रहे।



THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI)

Celebrating Azadi ka Amrut Mahotsav (AKAM)

इस राष्ट्र की प्राचीनतम अकादमी होने के गर्व के साथ हम यह सूचित करना चाहते हैं कि राष्ट्रीय विज्ञान अकादमी, भारत, प्रयागराज (नासी) ने आजादी के अमृत महोत्सव के उपलक्ष्य में पिछले लगभग दो वर्षों में 100 से भी अधिक प्रोग्राम देश के कोने-कोने में किये हैं। दिनांक 11 अगस्त 2023 का एक राष्ट्रीय स्तर का प्रोग्राम एन0आई0पी0जी0आर दिल्ली के सभागार में सम्पन्न हुआ जिसमें लगभग 200 वैज्ञानिकों, शिक्षकों, शोध छात्रों, फेलोज इत्यादि ने भागीदारी निभाई। कार्यक्रम का उद्घाटन लब्धप्रतिष्ठ विद्वान माननीय प्रो० मुरली मनोहर जोशी (पूर्व कैबिनेट मंत्री, भारत सरकार), द्वारा किया गया। इस शुभवसर पर अकादमी के कई पूर्व अध्यक्षों को भी सम्मानित किया गया।

उपरोक्त कार्यक्रम का एक फोटोग्राफ भी सूचनार्थ संलग्न है—



A copy of the programme of aforesaid event is as given below-

THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI)

Celebrating *Azadi ka Amrut Mahotsav (AKAM)*

(Felicitation of Prof. P.N. Tandon, Past President, NASI)

Programme

11.30 am on Aug. 11, 2023; at NIPGR Auditorium, New Delhi

1. Welcome: Prof. Jayesh R. Bellare, General Secretary, NASI
2. Introductory Remarks: Prof. Manju Sharma, Past President, NASI
3. Inauguration & Special Remarks: by Hon'ble Prof. Murli Manohar Joshi, former Union Minister, Govt. of India
4. About the AKAM Programmes of NASI: Prof. Ajoy K. Ghatak, Past-President, NASI
5. Introduction of the Chief Guest Prof. P. N. Tandon, Past President, NASI & Felicitation, by the President, NASI (Prof. Balram Bhargava, AIIMS, New Delhi)
6. Prof. MGK Menon Memorial Award (2021) Lecture by- Prof. Ashok Misra
Former Director, IIT Bombay, Mumbai
(To be Chaired by Prof. Manju Sharma, Past President, NASI; & Co-chaired by Prof. Anurag Sharma, former Vice-President, NASI)
7. Prof. A.K. Sharma Memorial Award (2021) Lecture by- Prof. Pramod Tandon
Former CEO, Biotech Park ,
Lucknow
(To be Chaired by Prof. Manju Sharma & Co-chaired by Prof. Akhilesh K. Tyagi, Past Presidents, NASI)

Felicitation of the Lecture Awardees, and the Past Presidents

8. Presidential Remarks – Prof. Balram Bhargava, President, NASI

Vote of thanks by ES, NASI

(Lunch)



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‘The National Academy of Sciences, India (NASI)’, 5-Lajpatrai Road, Prayagraj, India

Celebration of Independence Day & AKAM Programme

At NASI-HQ, Prayagraj; 10.30 AM; 15th August 2023

Programme

Hoisting of the Flag

Welcome: Sri A K Srivastava, NASI

Introduction: Dr Niraj Kumar, NASI

Address by the Guest of honour: Prof. U. C. Srivastava, Treasurer, NASI

Address by the Guest of honour: Prof. SheoMohan Prasad, UoA, Alld.

Address by the Chief Guest: Prof. R. S. Verma, Director, MNNIT, Alld.

Remarks by the Chairperson: Prof. Krishna Misra, IIT, Allahabad

Felicitation of the Guests: Dr Santosh Shukla & Dr Pavitra Tandon, NASI

Vote of thanks: Sri B P Singh, NASI

Refreshment



THE NATIONAL ACADEMY OF SCIENCES, INDIA

(The First Science Academy of India)
Mumbai Chapter



In association with
IIT Bombay KG School, Powai, Mumbai

Organizing

A Workshop on Oral Health & Hygiene
(Under its Science Enrichment Program on Health Sciences)

Speaker: Dr. Vanashree P. Saple
(Head, Dental Unit, Bhabha Atomic Research Centre Hospital, Mumbai)

Day & Date: Monday, 21st August, 2023
Venue: P. C. Saxena Auditorium, IIT Bombay, Powai, Mumbai
Time: 15:00 - 17:00 hrs

All are cordially invited.

Contact: Dr. P. A. Hassan, Secretary, NASI-Mumbai; Tel.: 022-25595099/ 8828282297/ E-mail: hassan@barc.gov.in
Ms. Lata Jagdeesh, School In-charge, KG-IITB, Powai; Tel.: 9664222283 / E-mail: incharge.kgschool@iitb.ac.in





THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI)

Celebrating Azadi ka Amrut Mahotsav (AKAM)

Students Science Meet: 25th Aug. 2023, 09.00 am; NASI Auditorium, at Prayagraj

(Dedicated to Prof. U. S. Srivastava, Past President, NASI)

Program

9.00 am - Welcome by the GS, NASI

9.10 am - Tributes to Prof. U. S. Srivastava - Prof. Manju Sharma, Past President, NASI

9.25 am - Prof. U. S. Srivastava Memorial Lecture by Prof. G. C. Misra, former Director, NCCS, Pune

9.50 am - Popular Lecture by Prof. Sanjay Mittal, IITK on Sports Aerodynamics

10.15 am - Remarks by the Past Presidents - Prof. Ashok Misra, Prof. V. P. Kamboj & Prof. Akhilesh K. Tyagi

10.30 am - Presidential Remarks - Prof. Balram Bhargava, President, NASI

10.45 am - Felicitation

10.55 am - Vote of thanks - Prof. U. C. Srivastava, Coordinator, Science Communication Program, NASI

Tea (11. 00 am)



THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI)

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Students Science Meet: 25th Aug. 2023, 09.00 am; NASI Auditorium, at Prayagraj

(Dedicated to Prof. U. S. Srivastava, Past President, NASI)



For detailed report, please click -
<https://www.hindusthanewsamachar.in//Encyc/2023/8/25/One-day-Students-Science-Meet-.php>



THE NATIONAL ACADEMY OF SCIENCES, INDIA

5, Lajpatrai Road, Prayagraj



Founder President Prof. M. N. Saha

WITH MORE THAN 3500 SCIENTISTS, NASI HAS THE LARGEST BASE AMONG NATIONAL SCIENCE ACADEMIES

Established as *the Academy of Sciences of the United Provinces of Agra and Oudh* in 1930 at Allahabad;

It was registered on 4th December 1930.

The name of the Academy was altered to *the National Academy of Sciences, India* on 5th December 1936.

Mandate: 'Science & Society'²



An Academy of Science can do a great deal by educating public opinion, undertaking particular problems, and bringing out scientific workers in various fields for discussion and cooperative research. But the main function of the Academy should be towards cultural improvement by contributions to human knowledge.

- Prof. Meghnad Saha, the Founder President of the Academy



The Academy has **22 Chapters at -**

- Bangalore
- Chandigarh
- Chennai
- Delhi
- Hyderabad
- Jammu
- Jharkhand
- Kharagpur
- Kolkata
- Lucknow
- Mumbai
- N.E. (Shillong)
- Patna
- Pune
- Uttarakhand
- Varanasi
- Bundelkhand E R
- Ahmedabad & other places

• These Chapters also organize lectures, competitions and science communications/awareness activities for students of schools, colleges and higher level; and general mass in their cities/regions.



With the advice of its President & Past Presidents, Council and Fellows/Members, the Academy plays a pivotal role in Science promotion, awareness, popularization and inputs for policy making.

Late Prof. U. S. Srivastava made original contributions to insect endocrinology and insect developmental biology. Professor Srivastava was conferred Sir JC Bose Award by Hari Om Trust-UGC and also became UGC National Lecturer. He was elected Fellow of the National Academy of Sciences (India), Allahabad (its President also), Entomological Society of India (Vice-President), Zoological Society of India (General Secretary), Indian Society of Developmental Biologists (President); and President, Zoology, Entomology & Fisheries sections of Indian Science Congress. He was the Crusader of Science Communication Programmes of the Academy & a doyen of Zoology.

Prof. G. C. Mishra is credited with research in the field of immunology related to the diseases of HIV, [leishmaniasis](#), malaria and tuberculosis and his researches have been recorded by way of scientific papers published in several peer reviewed journals. He is an elected fellow of [Indian National Science Academy](#), [National Academy of Sciences, India](#) and the [Indian Academy of Sciences](#). He has also guided several doctoral students. Prof. Mishra, a recipient of the Ranbaxy Research Foundation Award in 2002, was awarded the [Padma Shri](#) by the [Government of India](#) in 2003.

Dr. Sanjay Mittal is a Professor of computational fluid dynamics in the Department of Aerospace Engineering at Indian Institute of Technology Kanpur. After doing his B.Tech. from IIT Kanpur in 1988, he got enrolled at University of Minnesota, Twin Cities for M.S. program. After working for two years at Army High Performance Computing center, he returned to India and joined IIT Kanpur in 1994 as an assistant professor. Dr. Mittal has been bestowed with 2015 G. D. Birla Award for Scientific Research, National JC Bose Fellowship in 2013, Shanti Swarup Bhatnagar Prize for Science and Technology in 2006. His research interests are in the fields of Aerodynamics, CFD, Aerodynamic Shape Optimization, Bluff Body Flows, Vortex Induced Vibrations, Fluid-Structure Interactions, Transition and Turbulence, Air Intakes, Wind Tunnel Testing, Modeling of Traffic.