

The National Academy of Sciences, India

5, Lajpatrai Road, Prayagraj-211002, India



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

1. The National Academy of Sciences, India (NASI) celebrated the World Environment Day on June 5th 2023 at its headquarters at Prayagraj, UP, India on a theme – ‘Solution to Plastic Pollution’. The programme was well attended by more than 200 students/teachers and other participants. They witnessed very informative, illustrative & thought provoking lectures during the programme (**Annex. 1**). A good coverage was also there in the National Dailies. Also the Chapters of the NASI, e.g. Rajasthan Chapter, Lucknow Chapter & others organised very nice scientific programmes on this occasion; the brief reports/information are enclosed herewith as **Annex. 2 & 3**.
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 Chapters, and associated Fellows & Members. It acts as a ‘Think Tank’, especially on the issues related to the societal problems, where solutions could be provided through the scientific endeavors. Therefore, after the DST’s AI Conclave (held on May 9-10, 2023 at Guwahati), the Academy submitted a brief report to the DST, GoI, on its strategies to be undertaken/pursued for the betterment of Science & Society (please see the excerpts as **Annex. 4**).
3. The 9th IDY was celebrated with enthusiasm in NASI, as it is being observed every year since 2015 for the general well-being and gain of physical/mental health. It is worth mentioning that this year the theme of the day was “**Yoga for Vasudhaiva Kutumbakam**” effectively encapsulating our collective efforts and aspirations for ‘One Earth One Family’. A brief report is enclosed herewith as **Annex. 5**.
4. A national seminar was organised on health issues of the old age people, on June 25 jointly by the NASI-Rajasthan Chapter and Narayana Multispeciality Hospital, Jaipur, to address the ageing & lifestyle related health problems (Please see the brochure - **Annex. 6**). Several other Science-Society programmes were also organized by the NASI Rajasthan Chapter, Bhopal Chapter, Lucknow Chapter, Varanasi Chapter and so.
5. The National Academy of Sciences, India (NASI), Prayagraj, and Bhabha Atomic Research Centre (BARC), Mumbai, are jointly organising a historic moment to celebrate the 93rd Annual Session of the NASI and **Azadi ka Amrit Mahotsav** (Atma Nirbhar Bharat) with a special focus on **'India Secure@75'**, on 3-5 December, 2023 at BARC, Mumbai (the important highlights of the proposed event are given in **Annex. 7**). Invitation for the same (**Annex.8**) is being sent to the esteemed DST, GoI, and other institutions also.

The publications of all three prestigious journals of the NASI, were as per schedule; the Academy also actively organized the meetings of Inter Academy Panel for Women in Science.

World Environment Day-June 5th 2023, at NASI

NASI celebrated the World Environment Day on June 5th 2023 at its headquarters at Prayagraj, UP, India on a theme – ‘Solution to Plastic Pollution’. The programme was well attended by more than 200 students/teachers and other participants. They witnessed very informative, illustrative & thought provoking lectures during the programme. A good coverage was also there in the National Dailies.

A glimpse of the programme held at NASI is as given below-

WORLD ENVIRONMENT DAY

(THEME: SOLUTION TO PLASTIC POLLUTION)

----- Tentative Programme -----

Monday, June 5th, 2023

- Registration: (09.00 - 09.30 am)
- Painting/Poster Contest (9.30 - 11.00)

Inaugural Session: (11.00 - 12.30 pm)

Welcome Address	: Prof. U.C. Srivastava Coordinator, Science Communication Prog., NASI
Theme Address	: Er. Ratan Kumar , Joint Director & Head, CIPET: IPT, Lucknow
Address by the Chief Guest	: Prof. R.S.Verma , Director, MNNIT, Prayagraj
Presidential Remarks	: Prof. Krishna Misra , Professor Emeritus, IITA, Prayagraj
Felicitation and Vote of thanks	: Dr. Niraj Kumar , Executive Secretary, NASI

High Tea (12:30 to 1.00 pm)

Technical Session (1.00 – 2.00 pm)

- Speaker-1** : **Prof. S.M.Prasad**, Head Dept. of Botany, University of Allahabad, Prayagraj
Speaker-2 : **Dr. V. P. Srivastava**, Department of Chemistry, UoA, Prayagraj
Valedictory & Distribution of Awards to the Winners (2.00-2.30 pm)





A ONE DAY NATIONAL CONFERENCE

on

EcoSDG Summit: Navigating a Greener Future through Water and Waste Management

Organized by

Dr. B. Lal Institute of Biotechnology, Jaipur

In collaboration with

National Academy of Sciences, India, Rajasthan Chapter

on World Environment Day, 5th June, 2023

Venue: Dr. B. Lal Institute of Biotechnology, Jaipur

Supporting Partners

Dr. B. Lal Clinical Laboratories
Prakrit Sustainable Integrated Foundation
Vigyan Bharti (VIBHA)
Indian Waterworks Association (IWWA)

Media Partners

Vie Stories

A Brief Report

Summary: The **EcoSDG Summit 2023** was a dynamic and enlightening gathering that brought together sustainability experts and enthusiasts. The event commenced with the distinguished presence of **Dr. Rajendra Singh**, a renowned environmentalist and widely recognized as the "**Water-Man of India**," who served as the **Chief Guest** and inspired attendees to take concrete actions for a greener future focused on water conservation. **Mr. Ajitabh Sharma, an esteemed IAS officer**, graced the occasion as the **Guest of Honor** and motivated the audience to drive positive change.

Throughout the summit, participants were engaged in a series of captivating sessions and thought-provoking talks. Esteemed speakers such as **Prof. H. N. Verma**, Chairman, NASI-Rajasthan Chapter, Pro-Chancellor JNU, Jaipur and **Dr. Meghendra Sharma**, Secretary, Vigyan Bharati Rajasthan (VIBHA) shared their invaluable insights and expertise. The welcome address was delivered by **Dr. Sudipti Arora**, Research Scientist & Assistant Director at Dr. B. Lal Institute of Biotechnology, Jaipur and **Dr. Manju Sharma**, Chairperson NASI New Initiatives, former Secretary DBT & President NASI, provided an online address, further enriching the event.

One of the summit's highlights was the Idea Exposition event called "**Water-A-Thon**," which invited young participants to share innovative ideas for youth-led action towards achieving SDG6, focused on water sustainability. Another engaging session, Session One, centered around the "**Waste to Wealth Exhibition - The Best Out of Waste Competition**," featuring plenary talks by **Dr. Monika Sogani**, **Dr. Sudipti Arora**, and **Ms. Neha Agarwal**. Session Two showcased captivating talks by **Dr. O. P. Goyal** and **Prof. A. B. Gupta**. Session Three comprised a **Round Table Discussion** titled "**Accelerating Actions & Global Opportunities for SDGs**," involving representatives from diverse sectors. The panelists, including **Mr. Satish Jain**, **Mr. Nanak Santdasani**, **Mr. Shyam Singh Rathore**, **Mr. Angraj SwamiI**, **Mr. Saksham Gupta**, and **Ms. Stuti Arora Kapoor (Moderator)**, provided a comprehensive range of perspectives on SDGs.

Furthermore, a **Poster Presentation session** focused on "**Global Environmental Challenges & Solutions to Progress Towards SDGs**" featured the work of approximately 30 aspiring environmentalists. The event demonstrated a strong commitment to sustainability using recyclable materials, effective waste management practices, and training on composting and sustainable living.

The statistics for the event:

- The event hosted **22 esteemed guests**, along with **12 special guests**.
- There were **21 entries for the Waste to Wealth Exhibition**, with 20 teams attending offline and one team presenting through video mode.
- A total of **27 teams participated in the Poster Presentation session**, with **36 participants** in total.
- Among the registered attendees, **34 individuals attended the event offline**, out of a total of 47 who registered under the attending-only category.
- Overall, the event saw **participation from 100 students** who both participated in and attended the event.
- The event had participation from multiple institutions, such as **Malviya National Institute of Technology; Central University of Rajasthan; Manipal University; Banasthali Vidhyapeeth; CBRE Group; MGM Institute of Health Sciences, Navi Mumbai; University of Rajasthan; Subros Noida; JECRC University; SKIT Jaipur; Modern School; Schiller Institute Sr. Sec School- Schiller Research Club (SRC); IIS University and Kanoria P. G. Mahila Mahavidyalaya.**

Details of the Event: The EcoSDG Summit, held on June 5th, 2023, marked the celebration of five decades of **World Environment Day** at **Dr. B. Lal Institute of Biotechnology**, Jaipur, Rajasthan, India. The primary objective of the event was to promote knowledge sharing, foster collaboration, and ignite the passion within each participant to take unified action for a sustainable future. The summit encompassed a range of sessions led by esteemed resource persons who shared their expertise on different facets of environmental conservation and the **Sustainable Development Goals (SDGs)**.

Here is a comprehensive summary of the event:

The inaugural session began with **Dr. Sudipti Arora** emphasizing the significance of SDG 6 in achieving sustainability. The session underscored the importance of collective action in creating a greener planet and fueling individual passion. **Prof. H. N. Verma, Chairman-NASI Rajasthan Chapter**, addressed the issue of plastic pollution and highlighted the role of NASI in promoting sustainable practices.



Dr. Manju Sharma delivered an online talk, emphasizing the ecological and environmental pillars of life, the importance of environmental health and biotechnology, and the need for water resource preservation.



Dr. Meghendra Sharma shed light on the study of ecosystems in polluted areas, emphasizing the interdependence of flora, fauna, and ecology, and the urgency of addressing plastic waste. **Mr. Ajitabh Sharma** discussed the multidisciplinary nature of water-related problems and the essential Cs—Capital, Capacity, Capability, and Culture—for addressing water challenges.



The highly anticipated talk was delivered by **Dr. Rajendra Singh**, renowned as the "**Water Man of India.**" In his energetic speech, he emphasized the significance of water as the creator of life and its crucial role in climate change. Dr. Singh highlighted the high-water stress faced by 72% of India's population and the need for prioritizing water conservation. The inaugural session also included milestones such as the **Books Reveal by Author Dr. Rajendra Singh** and the **Launch of the "Water-A-Thon: Every Drop Counts, Every Idea Matters"** ideation, inviting young professionals to contribute innovative ideas for SDG 6. The session concluded with a summary note by **Prof. N. K. Lohiya**, followed by a short High Tea and networking session.





After the High Tea break, **Session I** commenced with a **keynote lecture by Dr. Monika Sogani**, focusing on tackling **Plastic Pollution with Bioplastics**. She shared strategies from the UN Environment Programme to reduce plastic pollution through initiatives like reuse, recycling, and reorientation.

Dr. Sudipti Arora emphasized the importance of proper waste disposal and segregation, highlighting the benefits of **Composting, Constructed Wetlands Technology, and Vermifiltration Technology** in addressing sanitation issues.



Ms. Neha Aggarwal conducted an **informative workshop on the use of Bioenzymes** as eco-friendly alternatives to chemical sanitizers and disinfectants, raising awareness about the hazardous effects of chemical-based products.

Session I also featured the **"Waste to Wealth" Competition**, an exhibition showcasing innovative ideas for utilizing waste materials, which was judged by **Dr. Nivedita Kaul** and **Dr. Nidhi Pareek**.



Session II began after lunch with a **keynote address by Prof. A.B. Gupta** on the sustainable reuse of sewage for irrigation and the associated challenges. He highlighted the utility of **constructed wetlands and the use of *E. coli* PAT kits for wastewater treatment**. **Dr. O.P. Goyal** delivered an engaging talk on the **Jal Jeevan Mission**, which aims to provide clean water and sanitation in villages. He discussed challenges such as inadequate infrastructure, depleting groundwater sources, and the presence of contaminants.



A scientific **Poster Presentation Competition** was held in parallel, attracting participants from different states and age groups, showcasing diverse research ideas. The competition was judged by **Prof. Ashwani Kumar** and **Dr. Vijay Chatterjee**.



The event continued with a **Round Table Panel Discussion** focused on SDG 6 and sustainability, titled "**Accelerating Actions & Global Opportunities for SDGs.**" The discussion brought together a remarkable panel of speakers representing various sectors and perspectives, including international bodies, government officials, institutions, NGOs, startups, corporations, and grassroots-level community representatives. The session, moderated by **Ms. Stuti Arora Kapoor**, facilitated meaningful discussions and generated recommendations for driving sustainable action toward a greener future.



The panelists included **Mr. Satish Kumar Jain, Additional Chief Engineer (Support Activities) at PHED Rajasthan**, who shared insights on government actions for SDG 6 in rural and urban areas, emphasizing the importance of equity, sustainability, governance, social problems, green economy, and digitization. **Mr. Santdasani, WASH Officer at UNICEF Office for Rajasthan**, contributed expertise in water, sanitation, and hygiene, discussing ongoing efforts to support SDG attainment in Rajasthan. **Mr. Angraj Swami, an Entrepreneur and Founder of Ecowrap**, provided insights into innovative approaches for addressing sustainability challenges. **Mr. Shyam Singh Rathore, Sarpanch of Jahota Gram-panchayat**, highlighted the promotion of government policies and schemes in rural areas, emphasizing effective governance, social protection, green economy, digitization, and active participation.

The overall event moderation was led by **Ms. Stuti Arora, Chief Configurator at Accenture Sustainability Reporting**, who played a crucial role as the session moderator. Her expertise in sustainability facilitated fruitful exchanges of ideas among the panelists. **Mr. Saksham Gupta, Director of Dr. B. Lal Clinical Laboratory and Deputy Director of Dr. B. Lal Institute of Biotechnology**, shared perspectives on the role of institutes and NGOs in driving sustainability. He emphasized the responsibility of students in promoting sustainable practices and highlighted the potential of social entrepreneurship.

The last session of the event was **Valedictory**, in which the remarkable achievements and contributions of individuals in various fields were celebrated. The session began with the announcement of three "**Best Poster Presentation**" awards. **Professor Ashwini Kumar, Professor N. K. Lohiya, and Dr. B. Lal Gupta** were invited on stage to present the awards. They were thanked for their valuable time, expertise, and efforts in evaluating the posters and selecting the most deserving presentations.

Winners of Best Poster Presentation were as follows:

- **Kakku Sivashankar and Sowkya Naidu (Manipal University)**
- **Komal Sharma (Dr. B. Lal Institute of Biotechnology)**
- **Jayana Rajvanshi (Manipal University)**



Afterward, the focus shifted to another significant segment of the event, the **Waste to Wealth Exhibition**. Three outstanding exhibits were recognized and appreciated with the "**Green Innovator Award**." The recipients were commended for their exemplary efforts, innovative approaches, and remarkable exhibits showcasing the potential of waste as a valuable resource.

Winners of Green Innovator Awards were as follows:

- **Sidhant Indoriya and Muskan Jha (Dr. B. Lal Institute of Biotechnology)**
- **Sanika Jain and Dr Jyoti Mathur (Banashali Vidyapeeth)**
- **Anil Gupta and Ashwin Paliwal (Malviya National Institute of Technology)**



Following the presentation of the awards, attention turned to the recognition of individuals who had made remarkable contributions in their respective fields. Two prestigious awards were presented i.e. the **Young Scientist Award** was presented to **Ms. Ritu Kumari (Dr. B. Lal Institute of Biotechnology)** and the **Women Scientist Award** was presented to **Dr Niha Mohan Kulshreshtha (Malviya National Institute of Technology)**. Winners were congratulated for their exceptional achievements, ground breaking research, and dedication to their fields.



Gratitude was expressed to all the dignitaries, speakers, presenters, and attendees who had made the event a resounding success. Their insightful addresses, thought-provoking discussions, and invaluable contributions were acknowledged for leaving an indelible mark on everyone present.

The event concluded with **Dr. Sonika Saxena**, Vice Principal of the host institute and Co- Chairperson of the ECO-SDG Summit, extending a **vote of thanks** and providing a brief overview of the summit.



The event witnessed the participation of dignitaries from research, academia, leaders, scholars, and young students who were captivated by the success stories, challenges, and grassroots-level work discussed. The panelists provided profound insights from their experiences and ongoing efforts toward SDG attainment, particularly in water and waste management, sustainability, and SDGs.

Throughout the EcoSDG Summit, several significant points, highlights, and recommendations emerged concerning the current water crisis. The participants emphasized the incorporation of hydrology principles at the core of water sector policies, programs, and projects. They stressed the importance of combining decentralized and nature-based solutions with built water infrastructure to conserve aquatic ecosystems, manage water, wastewater, and stormwater, mitigate floods, drought-proof, and involve communities in water management. The event also highlighted the need to relearn how to live and manage water in harmony with the hydrologic cycle and natural processes to overcome current water challenges and foster sustainable water management practices.

The concluding Round Table Session on SDG 6 and sustainability generated multiple highlights and recommendations, including collaboration between governments, organizations like UNICEF, and local communities to achieve SDG 6. Participants emphasized the need for partnerships, capacity building, and advocacy efforts. Enhancing awareness of government schemes and policies in rural areas was deemed crucial for inclusive sustainable development. Good governance, social protection, green economy, and digitization were identified as key elements for achieving SDG targets. Urgent actions to reduce carbon emissions, promote diversity, and embrace hydrologic principles in society were recommended.

Overall, the EcoSDG Summit provided a platform for insightful discussions, knowledge sharing, and the exchange of innovative ideas. The diverse sessions offered participants valuable insights into various environmental issues and potential solutions aligned with the SDGs.

Finally, all the esteemed guests, speakers, and participants were invited to join a delightful high tea on the terrace, fostering further engagement, meaningful conversations, and networking opportunities. The attendees were encouraged to cherish the memories of the event and look forward to future enriching experiences together.





The National Academy of Sciences, India - Lucknow Chapter
and
Department of Botany, Feroze Gandhi College, Raebareli
Cordially Invite you for the Celebration of



World Environment Day

Date : June 5, 2023 | Time: 10:30 am.

Chief Guest: **Dr. V.P. Kamboj**

(Chairman, BCIL, New Delhi, Past President, NASI and Director, CSIR-CDRI, Lucknow)

Lecture on

"The Journey of Plastic from Invention to Pollution: Current Consensus and Future Trends"

by **Dr. Suchitra Banerjee**

NASI Honorary Scientist & Secretary, NASI Lucknow Chapter

(Former Chief Scientist Plant Biotechnology Division, CSIR-CIMAP, Lucknow)

Prof. Manoj Kumar Tripathi

Principal
Feroze Gandhi College
Raebareli

Padma Shri Prof. Pramod Tandon

Chairman
The National Academy of Sciences, India
Lucknow Chapter

Prof. Anil Kumar

Department of Botany
Feroze Gandhi College
Raebareli

Pogramme

Venue: Conference Hall, Feroze Gandhi College, Raebareli

Lighting of lamp by Guests	10.30AM
Saraswati Vandana	10.35-10.40 AM
Welcome: Dr. Tuneera Bhadauria	10.40-10.50 AM
About NASI: Prof. Pramod Tandon	10.50-11.00 AM
About World Environment Day: Dr. Anil Kumar	11.00-11.15 AM
Lecture: Dr. Suchitra Banerjee	11.15-11.55 AM
Lecture: District Authority	11.55- 12.20 AM
Address by Chief Guest: Dr. V.P. Kamboj	12.20- 12.45 AM
Vote of Thanks: Principal, Feroze Gandhi College Raebareli	12.45- 12.55PM

Excerpts of the NASI's Strategies

1. Strategies for excellence in research by identifying some key thematic areas.

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 Chapters, and associated Fellows & Members. It acts as a 'Think Tank', especially on the issues related to the societal problems, where solutions could be provided through the scientific endeavors. Therefore, the following thematic areas are proposed-

- a) Science communication/sensitization programs in schools and the rural/remote areas.
- b) Workshops on developing skill for scientific paper/project writing.
- c) Awareness campaign on environmental conservation, nutrition, sanitation & public health issues; and mitigation measures.

2. Strategy for the development of an innovative entrepreneur ecosystem

- a) Organization of workshops in schools/colleges/academic institutions and other places to inform students and the common public about the great possibilities of transforming innovative ideas into products and/or devices.
- b) Listing all govt. schemes that a 'would-be-entrepreneur' may like to know, and distribute among the attendees of the entrepreneur workshops organized by NASI.
- c) Publish a popular book (may be in regional languages too) listing simple innovations that have considerably simplified life of people or led to financial independence or created jobs.

3. Strategies for community development and discharging our social responsibilities

- a) NASI is committed in discharging the social responsibilities through its science and society programs conducted by the headquarters and local chapters distributed all over the country.
- b) NASI will continue the efforts of community awareness and development on various issues by organizing workshops/training programs/lectures/chaupals/discussions in future also.

The National Academy of Sciences, India (NASI)

Observation of International Day of Yoga (IDY) 2023

The 9th IDY has been observed with enthusiasm in NASI as it is being observed every year since 2015 for the general well-being and gain of physical/mental health. It is worth mentioning that this year the theme of the day was “**Yoga for Vasudhaiva Kutumbakam**” effectively encapsulating our collective efforts and aspirations for ‘One Earth One Family’. India is the master/creator of Yoga, and its descriptions are evident in our ‘*Ved & Vedantas*’. To make the Yoga- a science of practices was not an easy job; it took India about hundreds of years to convince the western and modern world that Yoga is a science; and now we found its reference in hundreds of books, magazines and journals of international repute. As about thirty years back a complete experimental evidence of the effectiveness of the Yoga, especially about the amalgamation of Meditation with Yoga, was cited in the *Scientific American (SciAm)* and the then celebrity Yoga Guru was Maharshi Mahesh Yogi, famous for the transcendental meditation. In modern base Patanjali Yoga has now become a regular method of practicing Yoga, not only in India but also in several parts of the world. Similarly, Krishnamacharya and Iyengar Yoga practices are also very much relevant and effective. Just a few years ago an experiment was performed in the University of Massachusetts on the rhythmic effect of chanting “A-U-M” (popularly known as ॐ).

Therefore it is well established that Yoga is one of the best/alternative method of treatment for the general well being.

NASI being the oldest science Academy of the Country also tried to spread the message of IDY by adopting Yoga methods under the supervision of a Yoga-guru, for the well-being of the staff as well as others. The different poses of *Ashnas* and *Yog-kriyas* are being portrayed through the following pictures:







The Ministry of AYUSH has recently been encouraging the scientists/yogis to submit their scientific projects on Yoga, Meditation and alternative system of medicines, which shows positive trend for the authentication and popularization of these therapies; not only this, several medicines of Ayurvedic origin are in market helping people to get rid of the chronic diseases.

Long live Yoga.



Annex. 6



Rajasthan Chapter

National Seminar on Priority Health Issues for Senior Citizens

Organized by

Narayana Multispeciality Hospital, Jaipur

in collaboration with

Rajasthan University Pensioners Association (RUPA) &
National Academy of Sciences, India (NASI)-Rajasthan Chapter



The Senior Citizens generally suffer with age and/or lifestyle related health issues, such as cardiac, orthopaedic, oncological, diabetic, mental health etc.

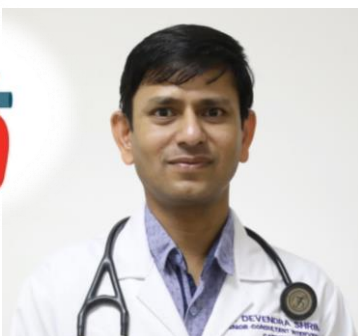
A seminar is being organized to seek expert opinions on prevention, early diagnosis and treatment modalities with interactive sessions on some of these health issues.

You are cordially invited to participate in the event as per the following program.

Sunday, 25th June, 2023; 10.30 am to 1.30 pm

Hotel Fern, Plot No. 3, Airport Plaza, Tonk Road, Durgapura, Jaipur-302016

Distinguished Speakers



Dr. Devendra Kumar Shrimal
Director
Cardiology



Dr. Vijay Sharma
Senior consultant
Orthopaedics and Joint Replacement



Dr. Rohit Swami
Consultant
Medical Oncology

Patrons

Prof. H. N. Verma

Chairman-NASI Rajasthan Chapter
Pro-Chancellor
Jaipur National University, Jaipur

Prof. H. S. Sharma

President-RUPA
Former Head, Deptt. of Geography
University of Rajasthan, Jaipur

Prof. N. K. Lohiya

Secretary, NASI Rajasthan Chapter
Gen Sect-RUPA, Emeritus Prof.-NAMS
University of Rajasthan, Jaipur

RSVP

Vikas Sharma
(8239724959)

Coordinator

Dr. Barkha Khilwani
University of Rajasthan, Jaipur

RSVP

Ajay Chaudhary
(8696904076)

Kindly Stay for Lunch after the Seminar



'India Secure @75'
93rd Annual Session of National Academy of Sciences (NASI)
An endeavour to celebrate and support 'Atma Nirbhar Bharat'



The National Academy of Sciences (NASI) & Bhabha Atomic Research Centre (BARC), Mumbai

DAE Convention Centre, BARC, Mumbai
3rd – 5th December 2023

- ***Scientific Sessions: Physical & Biological Sciences***
- ***Popular Scientific Lectures by Eminent Scientists: Theme "India Secure@75"***
- ***Panel Discussions, Oral & Poster Presentations by Young Scientists & Researchers***
- ***Visit to Bhabha Atomic Research Centre, Mumbai***



Last date for Web Submission of Abstracts:
31st August 2023

Website : <http://www.nasi2023.in>

Email : nasi.barc2023@gmail.com



THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI)

(A scientific professional body financially supported
by Department of Science & Technology, Government of India)
(Email: nasi.allahabad1@gmail.com; Phone: +91 532 2640224)

&

BHABHA ATOMIC RESEARCH CENTRE, MUMBAI

(A premier multi-disciplinary nuclear research centre of India)

2nd June 2023

Cordial Invitation for attending the 93rd Annual Session, NASI & Symposium on '**India Secure @75**', being jointly organised by NASI, Prayagraj & BARC, Mumbai on 3-5 December, 2023 at Mumbai – An Endeavour to celebrate and support '**Atma Nirbhar Bharat**'

Dear Sir/Madam,

Warm Greetings from the NASI & BARC!

We feel proud and privileged to inform you that the oldest Science Academy of India, i.e. **The National Academy of Sciences, India** (NASI), Prayagraj, is organising a historic moment to celebrate the **93rd Annual Session of the NASI** and **Azadi ka Amrit Mahotsav** (Atma Nirbhar Bharat) with a special focus on '**India Secure@75**'.

The event will be jointly organized by **Bhabha Atomic Research Centre (BARC)**, Mumbai during 3 - 5 December, 2023 at the DAE Convention Centre, Anushaktinagar, Mumbai.

You are cordially invited to kindly grace the occasion as per norms/protocols (enclosed herewith); we eagerly wait for your kind and positive response.

We would appreciate it if you could kindly help us by circulating the invitation / information with the poster/protocol to the interested students/researchers/scientists/faculty members of your esteemed institution, enthusing them to participate in the aforesaid event.

Hoping your kind and positive reply,

With personal regards,

Yours truly

**Dr. S. M. Yusuf**

PhD, D.Sc(hc), FNA, FNASc, FASc, FMASc,
Convener, Symposium on '**India Secure @75**';
Director, Physics Group
Bhabha Atomic Research Centre,
Trombay, Mumbai – 400085

**Prof. Balram Bhargava**

MBBS, MD, DM, FNASc, FACC, FAHA, FAMS
President, NASI
Former Secretary, GoI;
Professor of Cardiology, AIIMS
New Delhi – 110029