


Activities of the Chapters of the Academy (in a brief form)

The National Academy of Sciences, India has been effectively pursuing its mandate '**Science & Society**' since its inception through its various scientific programmes/ activities by involving a large number of scientists, academicians, educationists and industrialists from all across the country with the support of its **21 Local Chapters** spread all across the country to disseminate and communicate the scientific knowledge in different regions/parts of the nation.

The fellows/ Members present in the respective regions constitute the Chapters with the approval of the NASI Council.


The year 2020-21 was an extraordinarily challenging and turbulent because of the *Global Pandemic*; however, the NASI-Chapters continued their activities through the WEB. Several scientific programmes were organised with the spirit of '*Show must go on*'. A glimpse of the activities (in brief) is presented just for information-


Pictographic Display of the Activities organized by the Chapters during the year 2020-21 Bangalore




JAGRUKTA ABHIYAN FOR COVID-19 PANDEMIC

Webinar Organized by
The National Academy of Sciences, India (NASI)
Bengaluru Chapter
&
UNIVERSITY OF MYSORE
&
NASI HQ, Prayagraj
January 23, 2021; 10:30 AM





Prof. G. Hemantha Kumar
Honorable Vice Chancellor
University of Mysore



Prof. G. Padmanaban
President, NASI



Prof. (Mrs.) Manju Sharma
Former Secretary, DBT, GOI
Chairperson
NASI New Initiatives



Prof. Ashok Misra
Chairman
NASI Bengaluru Chapter



Dr. P.N. Rangarajan
Secretary
NASI Bengaluru Chapter



Dr. Niraj Kumar
Executive Secretary
NASI HQ

All are cordially invited




Prof. R. Shivappa
Registrar
University of Mysore


Programme	
Welcome Address	Prof. S. R. Niranjana
About the Programme	Prof. (Mrs.) Manju Sharma
Remarks	Prof. Ashok Misra
Presidential Address	Prof. G. Padmanaban
Inaugural Address	Prof. G. Hemantha Kumar
Keynote Address	Dr. Shahid Jameel
Lecture 1	Prof. Raghavan Varadarajan
Lecture 2	Prof. V. P. Kamboj
Vote of Thanks	Dr. P.N. Rangarajan




Prof. S. R. Niranjana
Convenor
Former Vice Chancellor,
Gulbarga University
Professor and Chairman
DOS in Biotechnology, UOM



Dr. Shahid Jameel
Trivedi School of Biosciences, Ashoka University, Sonapat
11.15 AM-12.00 PM : Keynote Address: Viruses, Mutants and Masks



Prof. Raghavan Varadarajan
Molecular Biophysics Unit, IISc, Bangalore
12.00- 12.30 PM: Lecture 1: COVID-19 Vaccines



Prof. V. P. Kamboj
Past President NASI, Lucknow
12.30 – 01.00 PM: Lecture 2: Wearing mask, maintaining social distance and observing hand hygiene by washing hands with soap

Zoom Meeting Credentials
<https://zoom.us/j/91820734918?pwd=Qjg0bld3UzR3dHT0lENGdPWlBFUT09>
 Meeting ID: 918 2073 4918; Passcode: 460984
YouTube Live Webstreaming: University of Mysore official YouTube channel 'uomlive'



Dr. R.C. Gupta Endowment History of Science Lecture Award (2020)

By

Prof. V.S. Ramamurthy

Emeritus Professor, National Institute of Advanced Studies, Bengaluru-560012



**SCIENCE TO SCIENCE ENTERPRISE:
The irreversible transformation**

4.00 - 4.10 P.M.

Welcome address, Prof. Ashok Mitra,
Chairman, NASI Bangalore chapter

4.10-4.15 P.M.

Remarks by Dr. Manju Sharma,
Chairperson, NASI New Initiatives

4.15 - 5.15 P.M.

Dr. R.C. Gupta Endowment History of
Science Award Lecture by
Prof. V.S. RAMAMURTHY

**SCIENCE TO SCIENCE ENTERPRISE:
The irreversible transformation**

5.15 P.M.

Award presentation & Vote of Thanks

Valangiman Subramanian Ramamurthy is an Indian nuclear physicist with a broad range of contributions from basic research to Science and Engineering administration. Prof. Ramamurthy started his career in Bhabha Atomic Research Centre, Mumbai in the year 1963. He made important research contributions in the area of nuclear fission, medium energy heavy ion reactions, statistical and thermodynamic properties of nuclei and low energy accelerator applications. During the period 1995-2006, Prof. Ramamurthy was the Secretary to Government of India, Department of Science and Technology, New Delhi (1995-2006). He was the Director, Institute of Physics, Bhubaneswar, (1989-1995), DAE Homi Bhabha Chair in the Inter-University Accelerator Centre, New Delhi (2006-2010), and Director of the National Institute of Advanced Studies, Bengaluru (2009-2014). He is a former chairman of the Recruitment and Assessment Board of the Council of Scientific and Industrial Research and has served as a member of the design team of the first Indian nuclear experiment in Pokhran on 18 May 1974. The Government of India awarded him the third highest Indian civilian honour of Padma Bhushan in 2005.

March 4, 2021, 4.00 P.M.

Meeting link

<https://nasi.webex.com/nasi/j.php?MTID=m485385851109c9b1e1990718aaaaa2b0>

Bhopal

Major Activities (International Webinars, National Webinars / Conferences / Seminars/ Workshops) organized by NASI-Bhopal Chapter during the year 2020-2021

S. No.	NASI-Bhopal Chapter Activities	Institution associated	Date of Activity
01	National Webinar on "Advances in Biotechnology for Health, Food and Nutrition to encounter COVID-19".	Department of Biotechnology, A.K.S University, Satna (M.P.)	May 22-23, 2020
02	National Webinar on "Implication of COVID-19 on Environment: Lesson & Learning"	Mahatma Gandhi ChitrakootGramodayaVishwavidyalaya, Chitrakoot, Satna (M.P.)	May 29, 2020
03	National Webinar on "Herbal Immuno-modulators to combat communicable diseases "	Arogyadham, Deendayal Research Institute Chitrakoot, Satna (M.P.)	May 30, 2020
04	National Webinar on "Emerging trend of Research dimensions for self-reliant India"	Mahatma Gandhi ChitrakootGramodayaVishwavidyalaya Chitrakoot, Satna (M.P.)	June 2, 2020
05	International Webinar on "COVID-19: Challenges and Opportunities for sustainable development"	Department of Environmental Science, A.K.S University, Satna (M.P.)	June 5-7, 2020
06	International Webinar on "Life security in current scenario (LSCS)"	Adarsh Institute of Management and Science, Dhamnod (M.P.)	June 5-6, 2020
07	National Webinar on "Zoology for Human Welfare"	Govt. Holkar (Model Autonomous) Science College, Indore (M.P.)	June 17 - 18, 2020
08	National Webinar on "Biodiversity conservation and its Management"	Govt. Girls P.G. College, Ujjain (M.P.)	July 15 - 16, 2020
09	International Webinar on "Computer aided drug discovery with natural resources"	Government T.R.S College of Excellence, Rewa (M.P.)	July, 24 -26, 2020
10	National Webinar on "Impact of COVID-19 in Human life and Environment"	Shri Rama Krishna College of Commerce and Science, Satna(M.P.)	July 29 -30, 2020
11	Faculty Development Program on "Research Article Writing & Online Academic Presentation"	Internal Quality Assurance Cell of Govt. Girls P.G. College, Ujjain (M.P.)	August 17 - 23
12	e- Refresher Course- 21 Century:The era of Biotechnology; Innovate by Advanced Biotechnology Learning	Department of Biotechnology A.K.S University, Satna (M.P.)	September 3 - October 2020
13	International Webinar on "The importance of historical ecology for interpreting processes of evolution in plants of oceanic islands."	Mansarovar Global University Bhopal (M.P.)	September 11, 2020
14	National virtual Seminar on "Current Trends in Life Sciences" (NSCTLS-2021).	Amity Institute of Biotechnology, Amity University, Gwalior (M.P.)	January 29, 2021
15	Seven Days Workshop on "Mental Health Awareness For Young Adults"	P.G. Department of Zoology, Mata GujriMahilaMahavidyalaya (Autonomous) Jabalpur (M.P.)	February 1 - 8, 2021

16	JagruktaAbhiyan for COVID-19 Pandemic	NASI- HQ, Prayagraj- Virtual programme in Association with A.K.S University, Satna (M.P.)	February 16, 2021
17	National Science Day Programme- 2021	SaraswatiVidyaPeeth, Utali, Satna (M.P.)	February 28, 2021
18	Seminar on "Atmanirbhar Bharat: Challenges and Opportunities"	Mansarovar Global University, Bhopal (M.P.)	January 19, 2021
19	National Conference on "Anthropogenic impact on the environment, society and human health "	Environment and Social Welfare Society, Khajuraho (M.P.)	January 30-31, 2021
20	Certificate Program on "Community Health: Physical activity, Nutrition, Social Behavior and Naturopathy"	Mata Gujari Women's College, Jabalpur (M.P.)	February 1, 2021 - April 7, 2021
21	National Conference on "Challenges and recent innovations in herbal drug standardization, quality evaluation and new drug development "	Arogyadham, Deendayal Research Institute, Chitrakoot, Satna (M.P.)	March 05 & 06, 2021
22	National Science Day Programme- 2021	M.G. ChitrakootGramodayaVishwavidyalaya, Chitrakoot (M.P.)	March 08 & 09, 2021
23	National Science Festival "Biocreation-2021"	Department of Biotechnology A.K.S University, Satna (M.P.)	March 18,19 & 20, 2021
24	National Workshop on "Science and Communication in Ramcharitmanas"	MakhanLalChaturvedi National University of Journalism & Communication, Bhopal (M.P.)	March 20, 2021
25	National Workshop on "Entrepreneurship skill for self dependency"	Government. P.G. College, Satna&A.K.S University, Satna (M.P.)	March 20 to 26 2021
26	Digital Poster competition and Agar Art Competition	Department of Microbiology Barkatullah University, Bhopal (M.P.)	March 24, 2021



National Webinar on "Zoology for Human Health"

Department of Zoology, Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)

Supported by: National Academy of Sciences India, Bhopal Chapter

Date: 17 and 18 June, 2020. Time: 10:30 AM to 12:00 Noon

Chief Guest
Dr. (Mrs.) Vijay Laxmi Saxena,
General President (2020-2021)
Indian Science Congress Association, Kolkata.

Patron
Dr. Suresh T. Silawat
Principal Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.) & Additional Director Higher Education, Indore.

Convener: Dr. Vipulkeerti Sharma
Professor, Zoology

Speaker (17-06-2020)
Dr. (Prof.) U. C. Srivastava,
Emeritus Professor, University of Allahabad, Treasurer NASI.

Director
Dr. M.M.P. Shrivastava
Professor and HOD, Zoology, Govt. Holkar (Model, Autonomous) Science College, Indore.

Secretary, NASI Bhopal Chapter

Speaker (18-06-2020)
Dr. Ram Kumar Singh, Scientist,
Lymphomas and Myeloma Department,
M. D. Anderson Cancer centre
Houston, Texas, U.S.A.

Last date of Registration: 15 June, 2020.
Registration Fees: Nil
Online Platform: Zoom Application
E-Certificate will be issued to registered participants

Organizing Secretary:
Dr. Santosh Gaherwal
Assistant Professor, Zoology

Secretary: Dr. Natram Kaurav
Assistant Professor, Physics

Chandigarh

The Science Playground

A laboratory is the scientist's playground - a place to move, explore and enjoy which a young student can identify with! However, budding scientists studying in our schools and colleges seldom ever get an opportunity to see the workings of any research lab. To bridge this gap, some very eminent young scientists are lecturing and interacting from their laboratories.

In collaboration with SPSTI and HSCST, 3 expository lectures were presented by renowned scientists viz.,

Prof. Shankar Ghosh from TIFR (Mumbai),

Prof. Rajesh Ganapathy of JNCSC (Bangalore),

Prof. Pratap Ray Chaudhuri, TIFR(Mumbai)

Webinar Series on Nobel Prizes 2020

Every year at the onset of the month of October, the scientific community eagerly awaits for the highest prizes in sciences, the Nobel Prize. Alfred Nobel, in his wisdom instituted two more prizes – for Literature and Peace - along with the three in the sciences.

Well-known experts in their respective areas delivered expository lectures on this year's Nobel Prizes for the public. The lectures were conducted in association with SPSTI and DST Chandigarh. These lectures were attended by a large number of school and college students, teachers and members of the public.

Three Memorial Meetings were arranged in Honor of Eminent Scientists

Prof. Govind Swarup (September 20, 2020)

Dr. F. C. Kohli (December 06, 2020)

Dr. N.S. Kapany (January 25, 2021)

Discussion on NEP-2020

The recently rolled out NEP-2020 has created excitement in all sections of society. The last policy was introduced in the year 1986, followed by a few amendments in 1992. The new policy has come after a gap of 34 years.

We organized a web - based panel discussion on the new NEP-2020 in association with SPSTI and PU, Chandigarh. The discussion on School Education was supported by the DST, Chandigarh.

National Mathematics Day- 2020

Activities to commemorate National Mathematics Day 2020 in association with SPSTI, HSCST & I, launched a **lecture series** to celebrate National Mathematics Day, the birth anniversary of the great mathematician **Srinivasa Ramanujan**. To mark the occasion, a series of online activities for a few days involved:

- lectures
- quiz
- poster competition and
- declamation .

National Science Day- 2021

- **Harnessing the power of immune system for improving personal and public health as it related to COVID-19 (Feb. 03, 2021):**
- **Need for vaccine and establishing its safety & efficacy (Feb. 05, 2021):**
- **History of Immunization with special reference to India (Feb. 08, 2021):**
- **Scientific Research in the family (Feb. 13, 2021):**
- **Two-day Online Conference on 100th Death Anniversary of Srinivasa Ramanujan**

Webinar on “COVID-19: Mystery, Myths & Reality” - October 02, 2020

In collaboration with SPSTI, an interesting talk was delivered by Prof. Ashish Bhalla, Department of Internal Medicine, PGIMER, Chandigarh. The Webinar was organized on Zoom platform and streamed in real time on Face-book Channel of the SPSTI. More than 200 people joined the informative session. The video was watched by more than 4500 people later on social media.

Chennai

The Chapter organized nine online lectures in the months of July and August, 2020 (two on ‘COVID-19’, one on ‘Periodic Table’, one on ‘Logic puzzles’, one on ‘Particle Physics- searching for beauty’, one on ‘environmental sciences’, one on ‘water’, Physics of Music, Euler’s Theorem). All of them were recorded and the url was shared with NASI. One of the talks on COVID was in Tamil. The technical help from Mr. Anand Kurien, a teacher from Good Earth School was invaluable. The constant help of Prof Narayan Kumar of CMI is gratefully acknowledged. Mr. Sripathy, Registrar, CMI has overseen all the requirements for smooth functioning of the programme. He has been playing this constructive role ever since CMI undertook to have this programme for school children.

Delhi

NASI Delhi Chapter report (April 1, 2020 to March 31, 2021)

- Prof. Anurag Sharma, (Chairman – since 01.01.2021)
- Prof. Ajoy Ghatak, (Chairman – upto 31.12.2020)
- Prof. Anup Ghosh, Secretary
- Prof. Anirban Pathak, Treasurer
- Prof. Paramjit Khurana
- Dr. Pratibha Jolly
- Dr. Amit Sharma
- Prof. Manoj Saxena

Partners in Organizing Events

- Deen Dayal Upadhyaya (DDU) College (DU)
- Kalindi College (DU)
- IIIT University, Noida (UP)
- CSIR-National Physical Laboratory (NPL)
- The Optical Society of India
- IEEE-EDS Delhi Chapter
- Joint Academies Program (INSA, IAS, NASI)
- Department of Electronic Science (DU)

Highlights of Activities

- The Chapter organized 12 events in the year
- Each had several webinars
- In total 163 talks were organized
- 30 international speakers, including 8 Nobel laureates
- 133 national speakers, several SSB awardees and fellows of academies
- 44 women speakers
- Some of the activities had large participation (>800)
- Most activities were targeted at UG/PG students
- Some activities also had participants from other countries such as Nepal, Australia, Cambodia, Hong Kong, USA, Brazil

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NASI Delhi Chapter Calendar of Activities (2020-21)

April	May (1)	June (1)	July (4)	August (4)	Sept. (5)	Oct. (4)	Nov. (1)	Dec. (1)	Jan. (1)	Feb. (4)	March (3)
			Popular Science Lectures (14)								
		Int. Day of Light May 16 (5)					Women in Science and Engineering (international)(6)				
						Webinars by Nobel Laureates (8)					
			Adv. In Sig Proc & ML(9)						DST-Golden Jubilee Commemoration Lectures (4)		
			NPL Platinum Jubilee						Learning Physics with Conceptual & Problem Solving Approach (10 weeks)(51)		
			Exploring Physics w Experts (4)						Sc Acad Lecture WS (12)		
			SSB Aw. Lecture WS (17)						NPL Platinum Jubilee		

NASI Delhi Chapter Calendar of Activities (2020-21)



Topics Covered (Examples)

Experts' Talks

Printed and Flexible Electronics and Devices
 Atomic Clocks
 From the Possibility to the Certainty of a Supermassive Black Hole
 Can Future Energy Needs be met sustainably?
 Flow inside the Sun
 New chemistry and physics in magnetic oxides
 A New Measure: The Reform of the International System of Units
 Building stars, planets and the ingredients for life in space
 Does the everyday world really obey quantum mechanics?
 When to trust a self-driving car.
 Astrophysical Black Holes
 Steps Towards Complex Matter: Chemistry!
 Raising Issues of Gender Equality in STEM Careers
 The influence of infection on Society before Covid19
 How cells manufacture and export proteins and RNA
 Wireless AI: A New Sixth Sense to Deciphering our World
 COVID-19 and Vaccines: The Road Ahead
 Are we there yet? How do cells find their way?
 Future Geosciences and Opportunities
 Untwisting Twisted Matter
 Engineering the future of Medicine
 Electronic Cash, Cryptocurrencies and Smart Contracts
 Molecular Insight into Plant Vision
 Do the fundamental constants change with time?
 Continued fraction expansions of complex numbers
 Topological Defects and Phase Transitions in Two Dimensions
 Indian Healthcare, Digital Transformation, and COVID-19
 Climate Smart Agriculture in the Era of Plant Genomics

Educational Talks (UG talks covering various topics)

CLASSICAL MECHANICS
 ELECTROMAGNETIC THEORY
 STATISTICAL MECHANICS
 The Fiber Optics Revolution
 NUCLEAR AND PARTICLE PHYSICS
 QUANTUM MECHANICS
 ELECTRONICS
 Concepts in Optics
 Four Faces of Entropy
 THERMAL PHYSICS
 SOLID STATE PHYSICS
 ATOMIC AND MOLECULAR PHYSICS
 The Golden Ratio, the Centre of Mass and Aesthetics
 MATHEMATICAL PHYSICS
 WAVES AND OPTICS

Organizers of Various Events

Prof. Manoj Saxena, Deen Dayal Upadhyaya College (DU)
 Prof. Anirban Pathak, JIIT University, Noida (UP)
 Dr. Pushpa Bindal, Kalindi College (DU)
 Dr. Punita Verma, Kalindi College (DU)
 Dr. Triranjita Srivastava, Kalindi College (DU)
 Dr. Seema Gupta, Kalindi College (DU)
 Dr. Neetu Agrawal, Kalindi College (DU)
 Dr. Geetika Jain Saxena, Maharaja Agrasen College (DU)

The Chapter also organized a memorial meeting for late Prof. S.K. Joshi on June 13, 2020. Prof. Anirban Pathak of JIIT University coordinated.

Jaipur

National Seminar on **Adolescent Health with Emphasis on Diagnosis and Treatment of Diseases** Saturday, January 11, 2020 S. S. Jain Subodh College of Global Excellence, Sitapura, Jaipur

Eminent Speakers

- Dr. S. K. Chaudhri, Principal of S. S. Jain Subodh College of Global Excellence
- Dr. Anil Suri, Professor of Eminence, Former Director, National Institute of Immunology, New Delhi
- Prof. H. N. Verma, Vice Chancellor, Jaipur National University, Jaipur
- Prof. N. K. Lohiya, NASI Senior Scientist, University of Rajasthan, Jaipur
- Dr. Arun Chougule, Senior Prof. and HOD, Radiological Physics, SMS Medical College and Hospital, Jaipur
- Dr. Shiv Gautam, Director, Gautam Hospitals and Institute of Behavioral Science, Jaipur.
- Dr. Anjali Sharma, HOD, Pathology, Bhagwan Mahaveer Cancer Hospital, Jaipur
- Dr. Arvind Gupta, Director, Jaipur Diabetes Research Centre, Jaipur



Awareness cum Training Program on Nutrition, Diet and Health for Women of Tribal dominated villages in Bassi Block in Jaipur District of Rajasthan



Village- Abhayapura, Chatarpura October 23, 2020



स्वस्थ महिला स्वस्थ परिवार की वाहक : वर्मा

वर्मा, वर्मा, वर्मा... (The text is partially obscured and difficult to read in detail, but appears to be a news article snippet.)



वर्मा... (Continuation of the news article snippet.)

देशी खाद की फल-सब्जी स्वास्थ्य के लिए बेहतर

देशी खाद... (The text is partially obscured and difficult to read in detail.)



देशी खाद... (Continuation of the news article snippet.)

Current Scenario and Future Challenges with Emphasis on Awareness about COVID-19 Pandemic

Distinguished Chairs



Prof. G. Padmanaban
President NASI
Former Director, IISc, Bangalore
Chancellor, CUTN
NASI Platinum Jubilee Senior Scientist



Dr. (Mrs.) Manju Sharma
Past President NASI
Former Secretary to the
Govt. of India DBT
Distinguished Women Scientist Chair, NASI

Date

**Tuesday, December 22,
2020**

Theme

COVID-19 : Role of NASI, ICMR
COVID-19: Therapeutics
COVID-19 Vaccine
Challenges and Opportunities



Dr. V. M. Katoch, MD, FNASe, FASc, FAMS, FNA
NASI-ICMR Chair, RUHS, Jaipur; Former Secretary,
Department of Health Research, Govt of India and Director-
General, ICMR, New Delhi



Dr. Sudhir Bhandari, MBBS, MD, DNB,
MNAMS, AFICA (USA), FISC, FRCP (LONDON),
FACE, FACCP, FICP, FRSSDL, FDI
Principal and Controller, SMS Medical College &
Hospital, Jaipur, Hon. Physician to H. E., The Governor of
Rajasthan



Dr. Kiran Katoch, MBBS, MD, FNASe, FAMS
Dr. A S Paintal Distinguished Scientist Chair of
ICMR at the Indian Institute of Health Management
Research (IHMR) University, Jaipur; Former Director of
National JALMA Institute for Leprosy and Other
Mycobacterial Diseases (ICMR), Tajganj, Agra



Dr. Arun Chougule, DRP, Ph.D., FIICC, FICTR,
FACSU, MSRP, FCMPI, FTWAS
Senior Professor & Head, Department of
Radiological Physics, SMS Medical College &
Hospital, Jaipur and Dean, Student Welfare,
Rajasthan University of Health Sciences (RUHS),
Jaipur



Dr. S. D. Gupta, MBBS, MD, FAMS
Trustee Secretary of the Indian Institute of Health
Management Research (IHMR), India, Chairman
and Distinguished Professor, IHMR University,
Jaipur



Dr. Bharti Malhotra, MBBS, MD
Senior Professor Microbiology, SMS Medical College,
Jaipur, Nodal officer DHR state Virus research &
diagnostic lab; Dean Rajasthan University of Health
Sciences and Former Pro Vice Chancellor Rajasthan
University of Health Sciences

Promotion of improved agriculture practices among tribal farmers in Amber block of Jaipur District in Rajasthan January-July, 2021

- To promote improved agricultural practices among tribal farmers.
- To enhance productivity through scientific interventions.
- Guidance in development extra source of income using waste land or inter crop.
- Capacity building programs on improved agriculture practices.
- Facilitate the design plans, select crops and implementation of kitchen gardens using environmentally sustainable techniques.
- Supply improved seed, vermi compost pits and azola.



**आदिवासी किसानों के बीच
बेहतर कृषि पद्धतियों को बढ़ावा देना**

जयपुर नेशनल यूनिवर्सिटी, जयपुर द्वारा
राष्ट्रीय विज्ञान अकादमी (नारी) के
सहयोग से क्रियान्वित परियोजना

परियोजना अवधि : जनवरी से जुलाई 2021

ग्राम स्तरीय जागरूकता / प्रशिक्षण कार्यक्रम
जैतपुर खींची, छापराड़ी, सिंगवाना, कचेरावाला, भीवपुरा

Prof. H. N. Verma, Chairman, Rajasthan Chapter delivered following lectures in the Jagrukta Abhiyan of NASI

- COVID PANDEMIC -31.10.2020
- Coronavirus The Students Need to Know -14.12.2020
- COVID Vaccine Presentation -18.03.2021

Prof. N. K. Lohiya, Secretary, Jaipur/Rajasthan Chapter delivered following lectures in the Jagrukta Abhiyan of NASI

- National Webinar on COVID-19 Pandemic Demonstrates the Power of Biotech organized by Dr. B. Lal Institute of Biotechnology, Jaipur, May 02, 2020. Delivered talk on 'Brief about COVID-19: Role of Biotechnology'.
- The Golden AIM Conference & Award for Excellence & Leadership in Healthcare, Webinar, organized by the Golden AIM Awards, July 29, 2020. Delivered talk on 'Adolescent Health during COVID-19 Pandemic'.
- National Webinar on Adolescent Health during COVID-19 Pandemic, as a mid-term Activity of the Indian Society for the Study of Reproduction and Fertility, Department of Zoology, University of Rajasthan, Jaipur, September 19, 2020. Delivered talk on 'Lifestyle Changes during COVID-19 Pandemic'.

Jammu



Prof. R. N. Gohil, Sec. Jammu Chapter

Prof. M. K. Dhar, VC, Jammu University



Dr. Shashi Sudhan, Principal, GMC, Jammu

Webinar on Jagrukta Abhiyan for Covid – 19 / Amrut Mahotsav

(March 18, 2021)

Dual mode (online and offline)

Speakers

- Online:

Prof. G. Padmanaban

DR. P. K. Seth

Prof. U. C. Srivastava

Prof. H. N. Verma

- Dual mode – online and offline

Prof. M. K. Dhar

Dr. Shashi Sudhan

(following all SOPs)

Jharkhand



Jharkhand chapter of NASI in association with CSIR - NML, celebrated National Science Day on Feb 26th, 2021.



Chief Guest, Dr. Rajendra Joshi delivered the lecture on "Cost effective Raman and Fluorescence spectroscopy in India".



**BEST SCIENCE
TEACHER AWARD-
2020-2021
(Jharkhand State)**

1. **Mr. Sumit
Kumar Gorai
(TGT) Delhi
Public School,
Bokaro Steel
City**
2. **Mr. Asheesh
Mishra (PGT),
Atomic Energy
Central School,
Jaduguda**
3. **Mr. Ramanuj
Kumar (PGT),
Kendriya
Vidyalaya,
Tatanagar**



THE AVENUE MAIL

NEWSPAPER PUBLISHED WEEKLY ON SATURDAY
100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

National Science Day at NML : Science teachers felicitated

Newspaper clipping text about National Science Day at NML. It mentions the felicitation of science teachers and the presence of the Vice-Chancellor and other officials.



दैनिक जागरण

आविष्कार ऐसा हो जिससे जिंदगी में परिवर्तन हो

Newspaper clipping text from Dainik Jagran. It discusses the importance of innovation and its impact on daily life.



प्रभात खबर

एक आइडिया किसी भी एंटरप्रेन्योर को हिट करवा सकता है : प्रणव

Newspaper clipping text from Prabhata Khabar. It features an interview with Prannav about entrepreneurship and ideas.



Print Media Coverage

वेबिनार आमंत्रण
Science & Atma Nirbhar Bharat

Dr. S. K. Malviya
AGS PB & RDS
Ministry of I & B
Patna

Dr. Ashok Kumar Ghosh
Emeritus Member Fellow
Chairman, Bihar State
Patulisan Control Board

Dr. Arvind Sinha
F.N.A.Sc. F.I.C.S. Chief Scientist & Head
Advanced Materials & Processes Division &
Chairman The National Academy of Sciences,
India (NASI) Jharkhand State Chapter, CSIR
National Metallurgical Laboratory, Jamshedpur

Dr. Gopal Sharma
Scientist E & Officer in Charge
Biological Survey of India
Regional Centre, Patna

Dr. J. K. Pandey
Chief Scientist, CSIR-Central Institute
of Mining and Fuel Research,
Chartered and Professor, Engineering
Sciences, IITB

दिनांक - 18 दिसंबर, 2020 (गुरुवार) / समय - दोपहर 12:00 बजे

वेबिनार का लिंक - <https://meet.google.com/tyqk-eyw>

वेबिनार का उद्देश्य - देश के लोगों को, विशेष रूप से युवाओं को, विज्ञान और प्रौद्योगिकी के क्षेत्र में आत्मनिर्भर भारत के सपने को साकार करने के लिए प्रेरित करना, जो हमारे देश के विकास के लिए आवश्यक है।

Webinar on Science & Atmanirbhar Bharat by PIB Patna on Dec 18 , 2020

Dr. Sinha, on behalf of NASI Jharkhand Chapter elaborated on the role of S&T skills based education system as well as scientific temperament among the masses to realize the dream of Atma-nirbhar Bharat

Kerala

Inauguration of NASI Kerala Chapter -September 30, 2020 (through Virtual Mode)

- Introduction - Dr. EV Soniya, Advisor, NASI Kerala chapter, RGCB, Thiruvananthapuram
- Welcome - Prof. KV Peter, President, NASI-Kerala Chapter
- Address by the Chairman - Dr. Manju Sharma, NASI-DST Distinguished Woman Scientist Chair; Past President, NASI
- Inaugural Address - Prof. G Padmanaban, President, NASI
- Keynote lecture: 'Aquatic Biodiversity & Fisheries Management' - Dr. S Ayyappan, Former DG, ICAR and Chancellor, Central Agricultural University, Imphal
- Address by the Guest of Honor - Dr. R. Chandra Babu, Vice-Chancellor, KAU
- Lecture 1: Shri MC Dathan, Scientific Advisor to Kerala CM
- Lecture 2: Prof. Oommen V Oommen, Former Chairman, Kerala Biodiversity Board
- Lecture3: Role of Local Chapters - Prof. Satya Deo, GS (HQ), NASI
- Felicitation of speakers - Dr. Niraj Kumar, ES, NASI and Dr. Santosh Shukla, AES, NASI
- Vote of thanks - Prof. B Mohan Kumar, Secretary, NASI Kerala Chapter

Activities 2020-21

Jagrukta Abhiyan for COVID-19

Feb 12, 2021 (11.00 am-2.00 pm)

- Event was organized in collaboration with NASI HQs, Pragyraj
- Seven speakers spoke on various topics related to COVID-19

Beyond Flavour and Taste-Spices in Health Care and Wellness with Special Reference to the Trikatu

Feb 24, 2021 (10.30 am-1.00 pm)

Speaker: **Dr. P.N. Ravindran**, FNASc – Former Director, Indian Institute of Spices Research

National Webinar on 'Digital Library Resources for Teaching, Learning and Research'

- › Jointly organized by NASI-K Chapter and Newman College, Thodupuzha, Idukki District, Kerala state
- › 27 Feb 2021, 10.00 AM – 3.30 PM
- › Dr. A.T. Francis conducted sessions on 'e-resources'
- › Ms. Vineetha Davis V, Librarian, St. Aloysius College, Thrissur conducted class on 'Mendeley Reference Management software: a tool to track your References'
- › More than 150 students and faculty participated

International Women's Day National Webinar on Women in Science

March 8, 2021 4.00-5.00 PM

Lecture on:

'Opportunities and Challenges for Women in Space'

Speaker:

**Dr. B. Valsa, Deputy Director, ISRO
Thiruvananthapuram**



INTERNATIONAL WOMENS DAY
MARCH 8, 2021
The National Academy of Sciences, India
NASI
Kerala Chapter
Invites you to join the WEBINAR
on
"WOMEN IN SCIENCE"

4.00 PM TO 5.00 PM

Talk on:
*** Opportunities and Challenges for Women in Space**

Dr Valsa B, Outstanding Scientist, started her career in VSSC in the year 1986 and she has retired as Deputy Director of Systems Reliability Entry of Vikram Sarabhai Space Centre. She was responsible for the Quality and Reliability of all ISRO launch Vehicles launched by ISRO. Under her leadership the Quality and Reliability of PSLV, GSLV, GSLV Mk II and Reusable Launch Vehicle has been assessed and cleared for flight.

She was leading a team of 250 Engineers working in all disciplines like - Mechanical, Chemical, Electronics and Software systems of the Launch Vehicle. She has also significantly contributed in the Mars Mission where the software for a payload MENCA which studied the atmosphere contents of Mars, was reviewed and cleared by her. The Reusable Launch Vehicle also posed many quality challenges as many of the technologies used were new, which were successfully resolved. She also played a key role in ensuring the Quality of PSLV C37 which launched a record six satellites without any flaw. She has also played a significant role in assuring the Quality of the GSLV Mk II Launch vehicle which was used to launch the prestigious Chandrayaan 2 Mission. She played a key role in establishing and sustaining a world class Independent Verification & Validation facility for evaluating Flight Software, which was first of its kind in ISRO.

She has many firsts to her credit - she was the first lady Deputy Director of Systems Reliability in VSSC and also first lady Quality Chief among all ISRO centres. She holds a record of giving clearance for 40 missions during her 35 months tenure as Deputy Director, yet to be broken, and none of them had any quality issues. She was the first lady from VSSC to be bestowed the India Today Woman Scientist of the year award and IEEE Outstanding Woman Engineer award.

Dr. Valsa B
Sr.Dt. Deputy Director,
Indian Space Research Organisation

Please join meeting
<https://global.gotomeeting.com/join/952436235>

Decorated by
Dr. E.V Sarita
NASI Kerala Chapter

World Water Day

Webinar on 'Water Management'

March 22, 2021 (3.00-4.00 pm)

- Speaker: James EJ, Pro-VC, Karunya University
- Topic : Water Management in Kerala: Problems and Prospects

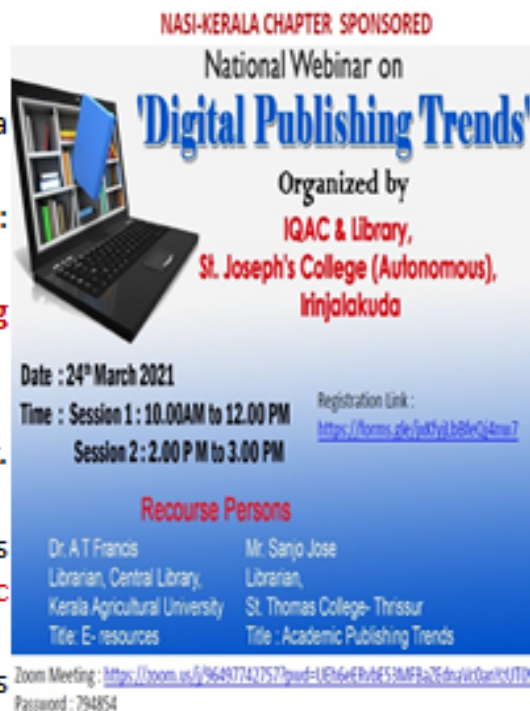
National Webinar on 'Digital publishing trends'

March 24, 2021 (10.00 am – 3.00 pm)

-Event was organized in association with St. Joseph's College, Irinjalakkuda, Kerala state

-Mr. Sanjo Jose, Librarian, St Thomas College-Thrissur led session on 'Academic Publishing Trends'

-Dr. A.T. Francis, Librarian, KAU les class spoke on 'e-resources'



NASI-KERALA CHAPTER SPONSORED
National Webinar on
'Digital Publishing Trends'
Organized by
**IQAC & Library,
St. Joseph's College (Autonomous),
Irinjalakkuda**

Date : 24th March 2021
Time : Session 1 : 10.00AM to 12.00 PM
Session 2 : 2.00 P M to 3.00 PM

Registration Link :
<https://forms.gle/jn7y1Lb8Wc24me7>

Recourse Persons

Dr. A.T Francis Librarian, Central Library, Kerala Agricultural University Title: E- resources	Mr. Sanjo Jose Librarian, St. Thomas College- Thrissur Title : Academic Publishing Trends
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Zoom Meeting : <https://zoom.us/j/96491741757?pwd=UkR6eWdEbnRlSjM5MkRlbnZkdzVlcnZlcj09>
Password : 794854

National Seminar on 'Role of Libraries Empowering Society'

- March 27, 2021 (11.00 am – 4.00 pm)
- Four Technical Sessions related to the 'Role of Libraries in Societal Development' were organized



Book release by the President, NASI Kerala Chapter during the National Seminar

National Seminar on
Role of Libraries in Empowering Society

27.03.2021



Organized by
Kerala Agricultural University

in Collaboration with

Academic Library Association &

National Academy of Sciences - India, Kerala Chapter

Kerala Agricultural University is organising a National Seminar on "Role of Libraries in Empowering Society" on 27th March 2021 in collaboration with Academic Library Association, and National Academy of Sciences - India at KAU Central Library, Vellanikkara, Thrissur. College and University teachers, librarians and students can attend, observing Covid protocol.

ALA Best Librarian Awards - 2021 will be presented to Dr. M. G. Baby, Dean & Professor, DLJS, Rajagiri College of Social Sciences, Kalamassery & Former University Librarian, CUSAT and to Sri. Jayan Avanoor, Librarian, Kodakara Grama Panchayat, Thrissur.

Library Professionals who gained Public Prominence and awarded PhD/ JRF/ NET will be honoured. Smt. V. Pushpalatha, Library Professional and ALA Member, elected as the Chairperson, Standing Committee - Health & Education, Madakkathara Grama Panchayat will be honoured.

NASI Corner in KAU Central Library will be inaugurated during the occasion. Detailed programme is given overleaf.

Link for Registration : <https://forms.gle/Mh9CZZErfahm1ye5>

Dr. A. T. Francis
University Librarian
Kerala Agricultural University

Dr. V. S. Swapna
Assistant Librarian &
Organising Secretary



Inauguration of NASI Corner, Central Library, KAU

- March 27, 2021 (10.00-11.00 am)
- James EJ, Pro-VC, Karunya University was the Chief Guest






Kolkata

National WEBINAR

World Population Day Celebration
on 11th July, 2020

Concepts Innovations and Methods when Chemistry meets Biology Organized by Department of Chemistry, Kharagpur College Inda, Kharagpur, Paschim Medinipur, West Bengal, India, 721305, in collaboration with National Academy of Sciences, India (Kolkata Chapter), on 17th July, 2020, 10 am onwards

Resource Persons

 Prof. Hemanta K Majumder CSIR-Indian Institute of Chemical Biology, Kolkata	 Prof. Amit Kumar Das , IIT, Kharagpur	 Prof. Susanta Roy Chowdhury , SGCOR, Kolkata
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State level Essay and Poster Competitions were organized. 130 Students from different schools and 70 Students from different colleges participated. NASI Distributed prizes to the awardees.

<https://forms.gle/GAkYD3LfehPAhQH7>
<https://youtu.be/NNRfiqLFBLI>

Organizers: NASI, Kolkata chapter jointly with People's Association for Science and Environment (PASE)

Theme: *Putting the brakes on COVID-19: how to safeguard the health and rights of women and girls.*

Speakers:

- ❖ Dr Chitra Mandal talked on *Impact of Population Density on Human Health.*
- ❖ Dr. H.K.Majumder also delivered second lecture in this occasion.

National Academy of Sciences India (NASI) Local Chapter, Kolkata

Invites all to join in National WEBINAR as part of
JAGRUKTA ANDOLAN
"Impact of COVID-19 on Human Health and Society"

5-00-5-05 PM: Introduction of the event by Mr Sandip Sen, DAC Member I.S. Council

5-05-5-10 PM: **About activity of NASI** by **Dr. Chitra Mandal**, FTWAS, FNA, FASE, FNASE, SERB-Distinguished Scientist, CSIR-ICB, Secretary, NASI Kolkata Chapter

5-10-5-15 PM: **Introduction of Chief Guest** by **Dr. Hemanta K Majumder**, FTWAS, FNA, FASE, FNASE, Senior Scientist Platinum Jubilee Fellow, CSIR-ICB, President, NASI Kolkata Chapter

5-15-5-25 PM: **Inaugural Address** by **Dr. Manju Sharma**, PADMA BHUSAN, FTWAS, FNASE, INAAS, Former Secretary to the Govt. of India, Department of Biotechnology, Ministry of Science and Technology, New Delhi, Past President NASI, NASI-DST Distinguished scientist and president NASI-New initiatives

5-25-6-10 PM: **Lecture on Life and Death in the time of COVID-19** by **Dr. Partha Chakrabarti**, MD, PhD, Principal Scientist, Cell Biology & Physiology Division, CSIR-ICB

6-10-6-55 PM: **Lecture on COVID: Past, Present and future** by **Dr. Dipyaman Ganguly**, MBBS, PhD, PhD, Principal Scientist & Swarnajayanti Fellow, Associate Professor, ACSIR, Infectious disease & Immunology Division, CSIR-ICB

6-55-7-05 PM: Concluding Remarks by **Dr. Amit Ghosh**, FNA, FASE, FNASE, Ex-Director, CSIR-IMTECH, Chandigarh, J.C. Bose Distinguished Chair Professor of NASI, ICMR-NICED, Kolkata.

7-05-7-10 PM: Vote of thanks by **Prof. Sangit Dey**, Ph.D, MNASE, Department of Physiology, University of Calcutta, Co-ordinator.

Registration: FREE **Webinar link: On 22-11-2020: 5 PM**
<https://www.youtube.com/watch?v=R Dopd67 vSSl>

The event is managed by "Team Physiology" an initiative of Dept of Physiology, University of Calcutta

We were very much honored to have **Dr. Manju Sharma, PADMA BHUSAN**, who has kindly Inaugurated the Webinar on November 22, 2020. Her lecture inspired and enriched all the participants.

Dr. Partha Chakrabarti MD, PhD,

Title: Life and Death in the time of COVID-19
He elaborated on the emergence of this pandemic and the causes of death associated with it. Risk factors of severity of the disease and death and emphasized the biological and demographic basis for age and co-morbidities as risk factors. He also discussed the evolutionary cues for the emergence of COVID-19 in the age of anthropocene.

Dr Dipyaman Ganguly, MBBS, PhD, PhD

Title: Past, Present and future of COVID.
He discussed host immune response, cytokine storm, vaccine, plasma therapy and clinical trial.

**National Academy of Sciences India
(NASI) Local Chapter,
Kolkata**

Invite all to join in National WEBINAR as part of
JAGRUKTA ANDOLAN
"Impact of COVID-19 on Human Health and Society"

Introduction of the event by Mr Sandip Sen
DAC Member H.S. Council

Program:
6.00 - 6.10 PM:
Inaugural Address by Dr. Chitra Mandal
 ITWAS, FNA, FASc, FNASc, SERB-Distinguished Scientist, CSIR-IGIB Secretary, NASI Kolkata Chapter.

6.10-6.20 PM:
Address by Dr. Hemanta K. Majumder
 ITWAS, FNA, FASc, FNASc, Senior Scientist Platinum Jubilee Fellow, CSIR-IGIB, President, NASI Kolkata Chapter.

6.20 - 7.10 PM : Keynote Lecture
Prof. Dr. Avijit Hazra, MD
 Dean of Student Affairs, Department of Pharmacology, Institute of Post Graduate Medical Education and Research, Kolkata.

7.10 - 7.20 PM:
Concluding Remarks by Dr. Amit Ghosh
 FNA, FASc, FNASc, Ex-Director, CSIR-IMTECH, Chandigarh, J.C. Bose Distinguished Chair Professor of NASI, ICMB-NUCED, Kolkata.

7.20 - 7.30 PM:
Vote of thanks by Prof. Sanjit Dey, Ph.D, MNASc,
 Department of Physiology, University of Calcutta, Coordinator.

Registration link: 06.11.2020 <https://forms.gle/3D432UGv1y5a5d1d>
Webinar link: On 06.11.2020 - 6 PM
<https://www.youtube.com/watch?v=3D432UGv1y5a5d1d>
 The event is managed by "Team Physiophere", an initiative of Dept of Physiology University of Calcutta.

**National Academy of Sciences India
(NASI) Local Chapter,
Kolkata**

Invite all to join in National WEBINAR On
Impact of COVID-19 on Education System and Students

6.00-6.05 PM: Introduction of the event by Mr Sandip Sen, DAC Member H.S. Council

6.05-6.10 PM: Inaugural Address by Dr. Chitra Mandal
 ITWAS, FNA, FASc, FNASc, SERB-Distinguished Scientist, CSIR-IGIB, Secretary, NASI Kolkata Chapter.

6.10-6.15 PM: Address by Dr. Hemanta K. Majumder
 ITWAS, FNA, FASc, FNASc, Senior Scientist Platinum Jubilee Fellow, CSIR-IGIB, President, NASI Kolkata Chapter.

6.15-6.55 PM: Lecture on Impact of COVID-19 on our Education System by Prof. Dhruvajyoti Chattopadhyay
 FASc, FNASc, FAScT, Vice Chancellor, Sister Nivedita University

6.55-7.35 PM: Lecture on Psychological aspect on students in this pandemic situation by Dr Anindha Deb
 MBBS, CIP, MEd, Practising Psychiatrist Kolkata

7.35-7.45 PM: Concluding Remarks by Dr. Amit Ghosh
 FNA, FASc, FNASc, Ex-Director, CSIR-IMTECH, Chandigarh, J.C. Bose Distinguished Chair Professor of NASI, ICMB-NUCED, Kolkata.

7.45: Vote of thanks by Prof. Sanjit Dey, Ph.D, MNASc,
 Department of Physiology, University of Calcutta, Coordinator.


For Registration click here <https://forms.gle/3D432UGv1y5a5d1d>
 The event is managed by "Team Physiophere", an initiative of Department of Physiology, University of Calcutta
For details and information: teamphysiophere@gmail.com

In association with
**DBT Star College
Scheme, K.C.
College, Hetampur,
Brihbum** →

Lucknow

1. VIRTUAL LECTURE FOR SCHOOL CHILDREN BY THE "MASK MAN OF LUCKNOW"- DR. PRAVEEN TANDON, ENTITLED 'I PROTECT YOU - YOU PROTECT ME',

Highlighted on Corona Crisis : modes of fast spreading of the new virus (having no medicines & vaccines at that time) & effective scientific means to reduce transmission (social distancing, sanitization & use of right mask /correct way to wear)



WEBINAR ON :
"PANDEMIC NOVEL CORONA VIRUS DISEASE-2019 (COVID-19): THE UNSEEN AND UNSAID"
PROF. SHAILENDRA SAXENA
 VICE DEAN & HEAD, FACULTY OF MEDICINE, KGMU, LUCKNOW

>Prof. Shailendra Saxena emphasized on the structure, infectivity / chemotherapy aspects of COVID-19 with special reference to the availability of diagnostic tools & effective repurposing of drugs (like favipiravir, remdesivir, chloroquine, TMPRSS2 protease inhibitors, etc).

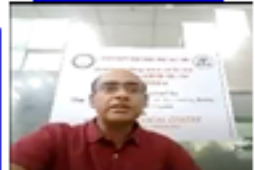
Introduction of the program & the Speaker
Dr. Raj Mehrotra

JOINTLY ORGANIZED BY
NASILUCKNOW CHAPTER & REGIONAL SCIENCE CITY, LUCKNOW


24 th JULY, 2020

Vote of thanks
Dr. R.D.Tripathi

1st JULY 2020



Welcomed address
Prof. Promod Tandon



(> 65 participants)

**3.INTERACTIVE WEBINAR ON
"COVID-19: IMMUNITY IS THE BEST VACCINE"
PROF. SURYA KANT
HEAD, DEPARTMENT OF RESPIRATORY MEDICINE,
KGMU, LUCKNOW**

**JOINTLY ORGANIZED BY
NASILUCKNOW CHAPTER &
REGIONAL SCIENCE CITY,
LUCKNOW**

4th SEPTEMBER, 2020.

**Introduction of the
program
Dr. Raj Mehrotra**

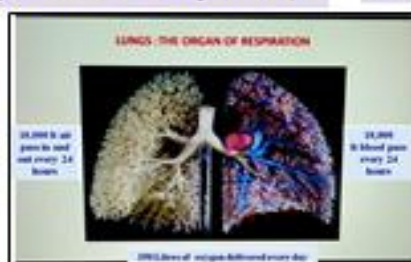
**Welcomed address
Prof. Promod Tandon**

**Introduction of the
Speaker
Dr. R.D.Tripathi**



➤ Prof. Surya Kant emphasized on the origin, structural morphology and spread of Corona virus with special reference to COVID-19 infection mediated respiratory complications (e.g., acute respiratory distress syndrome / Pneumonia, non intra-vascular coagulation Rhabdomyolysis) & acute cardiac injury (including Fulminant Myocarditis / Arrhythmia).

➤ Prof. Kant further highlighted the importance of vegetarian food habit (with higher consumption of vegetables and fruits) for accruing enhanced immunity to combat against the COVID-19 infection.



**Vote of thanks
Dr. Raj Mehrotra**

(> 187 participants)

**4.VIRTUAL LECTURE FOR TRIBAL WOMEN AND CHILDREN OF UP
(UNDER NASI'S NEW INITIATIVES),
'पोषण' के विषय में जागरूकता - 'शिशु पोषण'
प्रसिध शिशु चिकित्सक -डाक्टर शालिनी टंडन
ON 12th October 2020**

➤ प्रधानमंत्री श्री नरेंद्र मोदी ने कहा है कि सितम्बर माह को पोषण माह के नाम से जाना जाएगा।

➤ Prof. Promod Tandon - Welcomed & emphasized the relevance of the lecture towards the nutrition ("POSHAN") of children for immunity boosting during the prevailing COVID-19 pandemic.

- जैसा आप जानते है, हमारे देश में कुपोषण एक बड़ी समस्या है।
- कुपोषण के कारण लगभग ४५% शिशुओं की मृत्यु होजाती है।
- राष्ट्रीय विज्ञान अकादमी के सौजन्य से हमारा प्रयास है कि आप के बीच में 'पोषण' के विषय में जागरूकता बढ़ाए।
- आदिवासी परिवार के लिए पोषण बहुत महत्वपूर्ण विषय है।



**डाक्टर शालिनी टंडन - प्रसिध शिशु चिकित्सक (KGMU,
Lucknow) 'शिशु पोषण' पर चर्चा की।**



Inaugural address
Prof. G. Padmanaban



Opening Remarks
Prof. (Mrs.) Manju Sharma

About NASI's
"POSHAN" Programmes
Ms Archana Pant

Welcome Address
Prof. Pramod Tandon

Role of NASI Local Chapters
with reference to
Lucknow Chapter
Dr. Suchitra Banerjee
(Coordinator)

Lecture Session Presided over:
Prof. Veena Tandon

Lecture: 1
Ashwagandha-
Human Health & Covid19
Speaker: Prof. Madhu Dikshit

Lecture: 2
Potential of essential oils &
plant ingredients in preventing
the spread of COVID-19
Speaker: Prof. Anil Kumar Tripathi

Lecture: 3
Musculoskeletal health in
the times of COVID
Speaker: Dr. Ritu Trivedi

Lecture: 1
Ashwagandha-Human Health & Covid19
Speaker : Prof. Madhu Dikshit
National Chair - THISTI, Faridabad;
Former Director, CSIR - CDRI, Lucknow



Lecture: 2
Potential of essential oils & plant ingredients
in preventing the spread of COVID - 19
Speaker: Prof. Anil Kumar Tripathi
Director, Institute of Science, BHU, Varanasi;
Former Director, CSIR - CIMAP, Lucknow



➤ **Prof. Madhu Dikshit** deliberated on the extensively worked out biological activities of *Withania*, with special emphasis on the **neuroprotective potential** of the variety developed at **CSIR - CIMAP**.
➤ **She** further highlighted the remarkable **immunomodulatory** function of *Withania*, which makes it a potential **herbal candidate** to be positioned for the **prevention of SARS-CoV2 infection & associated pathologies**.

➤ **Prof. A. K. Tripathi** explained the utility of several **essential oils** (bergamot, tee tree, eucalyptus & cinnamon leaf) in inactivating enveloped viruses (such as **Covid-19**) in air, on surfaces and in liquid cultures
➤ **Prof. Tripathi** highlighted the therapeutic efficacy of **garlic oil** ingredients in combating **Covid-19** (exemplified through docking studies on Covid-19 proteins).
➤ **He** underlined the potential of the *Artemisia annua* (anti-malarial plant) derived **upcoming medicine against Covid-19 infection** (under clinical trial).
➤ **He** also narrated the molecular docking substantiated potential of **traditional ayurvedic formulation - "AYUASH Kwath"** (Kadha) in the prevention/management of SARS-CoV-2.

Lecture: 3
Musculoskeletal health in the times of COVID

Speaker: Dr. Ritu Trivedi
Principal Scientist,
CSIR- CDRI, Lucknow



> Dr. Ritu Trivedi highlighted the association of identified musculoskeletal sequelae with COVID-19 disease through frequent reporting of sarcopenia (muscle loss) and osteoporosis /bone loss (determined from 2002 to 2004 SARS pandemic epidemiological data).

> Dr. Trivedi illustrated about the observed therapeutic potential of a pure molecule of *Withania somnifera* (Withaferin A) in inhibiting SARS-CoV-2 infection and/or spread of the disease owing to its ability of binding to the S protein of the virus.

> She indicated the possibility of developing an attractive therapeutic agent for SARS-Covid-2 through administration of Withaferin A alone and/or in combination with other drugs, such as: hydroxychloroquine, dexamethasone or other treatments (under clinical trials).

Summing up
Prof. Paramjit Khurana

Vote of Thanks
Dr. Niraj Kumar

(> 201 participants)



A Professional Body under DST;
SIRO recognized by DSR
Ministry of Sc. & Tech, Govt

Celebration of National Science Day- 2021
National Academy of Sciences, India,(NASI), Lucknow Chapter
&
Regional Science City, Lucknow

Ministry of Culture



Introduction of the program & the Speaker
Dr. Raj Mehrotra

Vaccination against COVID-19: Building Confidence among the people.
Dr. Shailendra Saxena
Vice dean & Head, Faculty of Medicine,
King George Medical University, Lucknow.

Welcome Address
Dr. P.K.Seth



> Dr. Saxena emphasized the scientific reasons to resolve public hesitation in receiving COVID-19 Vaccine (owing to doubts about its efficiency, cost, safety & side effects).

> He further highlighted that assurance /efficacies of the vaccination drive must get wider endorsement by senior leaders / elderly people and must involve age based prioritization.

Vote of thanks
Dr. R.D.Tripathi

The event was attended by
>107 participants

**7. CELEBRATION OF THE INTERNATIONAL WOMEN'S DAY- 2021
(JOINTLY ORGANIZED BY NASI LUCKNOW CHAPTER & NASI HQ, PRAYAGRAJ)
ON 8th MARCH, 2021**

**Initiation of the programme
Ms Archana Pant**

**Presidential Address
Prof. (Mrs.) Manju Sharma**

**Remarks
Dr. Niraj Kumar**

**Women's Day Lecture
"DARING TO CHALLENGE: WOMEN'S ACCOUNT"
DR. SUCHITRA BANERJEE**

- 1**
- The Exemplary Pursuits of Women Champions
 - First to break the glass ceiling in the career choices
 - Women Noble Laureates
 - Pioneer & Recent time Distinguished Women Professionals
 - Women in Agriculture
 - Gender benders in different sectors

2

**GOVERNMENT OF INDIA
INITIATIVES**

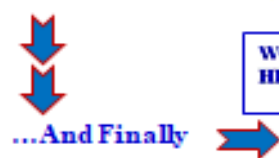
**STEP- The Support to Training and
Employment Programme for Women**

3

**United Nations' Theme of International Women's
Day 2021
"Women in Leadership: Achieving an EQUAL
Future in a COVID-19 WORLD"**

- Women during covid-19 crisis
- Successful Women Entrepreneurs in Covid-19 Pandemic

**WOMEN ACCOUNT FOR 70% OF
HEALTH & SOCIAL CARE SECTOR
-WHO**



Mumbai



**INTERNATIONAL WEBINAR
on
ROLE OF FUNCTIONAL NANOMATERIALS IN COMBATING
COVID-19 PANDEMIC**



29th - 30th October, 2020

INAUGURAL FUNCTION

CHIEF GUEST



**PROF. ARUNA PALTA
HON'BLE VICE-CHANCELLOR
HEMCHAND YADAV UNIVERSITY,
DURG (C.G.) INDIA**

Organized by

Department of Chemistry

Govt. VYT PG Autonomous College, Durg

[Reaccredited with 'A+ - Grade by NAAC, Bengaluru
Centre for Potential for Excellence, UGC, New Delhi

in association with

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

GUEST of Honor



**PROF. MANJU SHARMA
PADMA BHUSHAN
CHAIRPERSON- New Initiatives, NASI
DISTINGUISHED WOMAN SCIENTIST
CHAIR, NASI; FORMER
SECRETARY TO GOVT. OF INDIA, DBT**

SPECIAL GUEST



**PROF. SUSHIL CHANDRA TIWARI
ADDITIONAL DIRECTOR
DEPARTMENT OF HIGHER EDUCATION
(DURG ZONE)(CG) INDIA**

CHAIRPERSON



**PROF. ANIL K SINGH
CHAIRMAN, NASI - MUMBAI CHAPTER
INDIA**

PATRON



**PROF. R N SINGH
PRINCIPAL, GOVT. VYT PG
Autonomous College Durg (CG) INDIA**



EMINENT SPEAKERS



DR. TATA NARASINGA RAO
SCIENTIST G & ASSOCIATE
DIRECTOR ARCI,
HYDERABAD, INDIA



PROF. FRANK ALEXIS
DEPARTMENT OF BIOLOGICAL
SCIENCES &
ENGINEERING, YACHAY TECH
UNIVERSITY, ECUADO



PROF. ARVIND NERALWAR
PROFESSOR AND HEAD
DEPARTMENT OF MICROBIOLOGY
PT. JLN MEDICAL COLLEGE, RAIPUR, INDIA



DR. RAGHVENDRA MISHRA
SCHOOL OF AEROSPACE,
TRANSPORT AND
MANUFACTURING
CRANFIELD UNIVERSITY, UK



DR. BIPIN KUMAR
DEPARTMENT OF TEXTILE
ENGINEERING, IIT DELHI, INDIA

VALEDICTORY FUNCTION CHIEF GUEST



SHRI MUDIT KUMAR SINGH
DIRECTOR GENERAL,
CHHATTISGARH COUNCIL OF SCIENCE
& TECHNOLOGY, RAIPUR (CG), INDIA



COMMUNITY AWARENESS PROGRAMME ON COVID-19 PANDEMIC

VIRTUAL WORKSHOP & A DISCUSSION WITH DISTINGUISHED PANELISTS

Organized by

A. Y. Jung National Institute of Speech & Hearing Disabilities, Mumbai

in association with

Mumbai Chapter of the National Academy of Sciences, India (NASI)

under the auspices of NASI-New Initiatives



Chief Guest :

Dr (Mrs) Manju Sharma
Chairperson, NASI-New Initiatives
Former Secretary to the Govt. of India, Department of Biotechnology &
Distinguished Women Scientist Chair, NASI

Join us Live on 30th November, 2020 at 12 Noon on Webex: <https://shorturl.at/dnFG> /(pwd: ayj2020)

All are cordially invited.

Also available on



YouTube

<https://www.youtube.com/channel/UC1tp-Me7iLnABDKK_IMTJ0g>

<<https://www.facebook.com/ayjnishdd>>

PROGRAM

12:00– Welcome: Dr Suni Mathew (Director, Ali Yavar Jung National Institute of Speech & Hearing Disabilities, Mumbai).

– NASI-Mumbai Chapter & NASI-New Initiatives: Prof Anil K Singh (Chairman, NASI-MC).

– Chief Guest Address: Prof. Manju Sharma / Message: Prof K P Mishra (Workshop Convener).

– Workshop & Confluence: Dr Sunali Khanna (Workshop Co-Convener).

– Address by Panelists:



Dr Suni Mathew, Director, A. Y. Jung National Institute of Speech & Hearing Disabilities, Mumbai



Dr Priya Abraham (Director, ICMR-National Institute of Virology, Pune)



Sh. M S Sharma, Adnl. Director General of Police, Mumbai



Dr Rakesh Kumar, Director, CSIR-National Environmental Engineering Research Institute, Nagpur



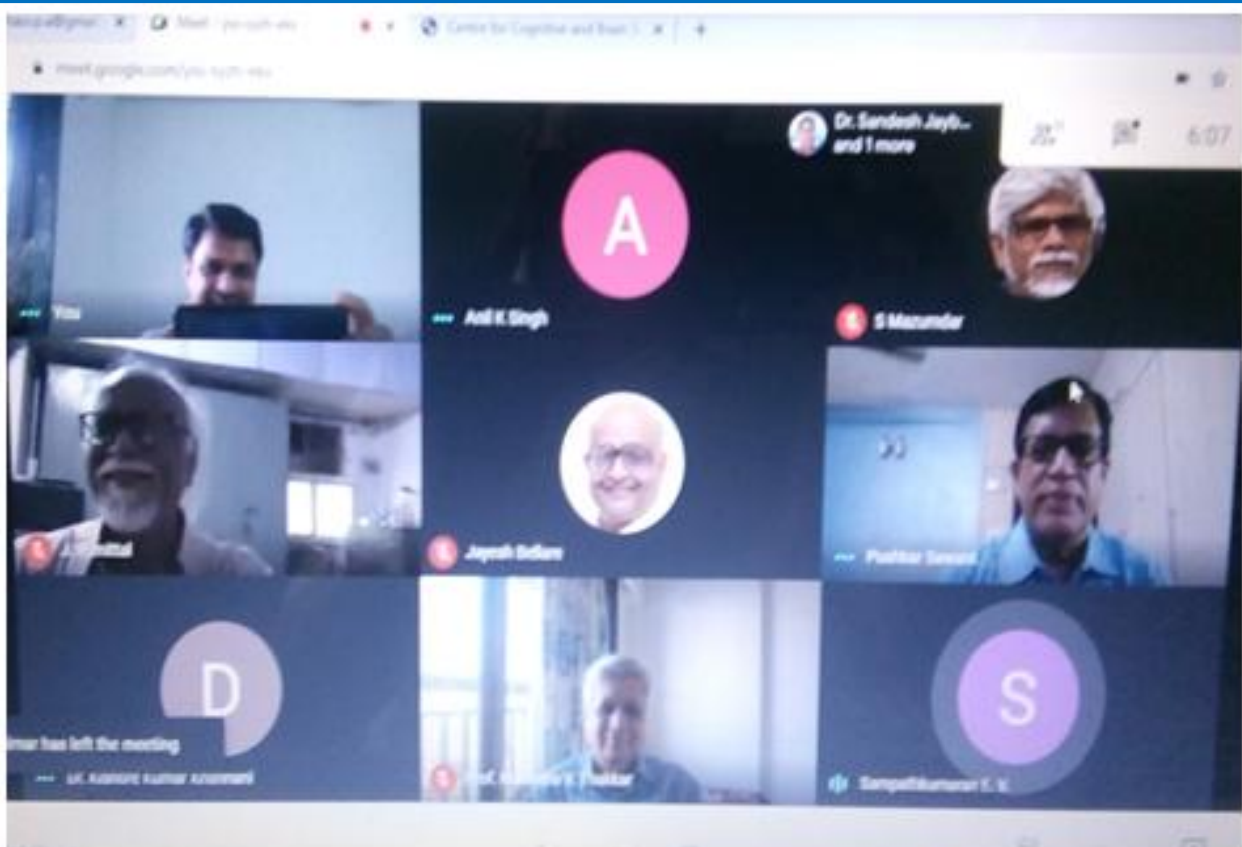
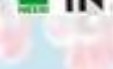
Dr N Huligol (President, Society for Cancer Research & Communication)



Prof N Shah, Professor, Centre for Technology Alternatives for Rural Areas, IIT Bombay



Dr Sunali Khanna, Nair Medical College Mumbai & Vice President, IAOMR



Screen shot of online panel discussion during NSD-2021

North-Eastern Region




Awareness –Cum Out Reach Programmes on COVID-19 at Mawkynroh, a tribal village NongrimNongladaw, Ri-Bhoi district, Meghalaya on May 19 and 21,2020



Covid-19 Awareness Programme organised by NER Chapter on November28, 2020

Odisha




National Academy of Sciences, India (NASI) & Institute of Life Sciences (ILS), Bhubaneswar

Webinar on

COVID-19 – Managing the Pandemic through Science and Technology Interventions

Wednesday; 13 January 2021; 11.00am – 1.00pm



Inaugural Address: Dr. Renu Swarup, Secretary, Dept of Biotechnology, GOI

Presidential Address: Prof. G. Padmanaban, President, NASI

Special Remarks: Dr. Manju Sharma, Past-President, NASI

Welcome Address: Dr. Ajay Parida, Director, ILS, Bhubaneswar

Speakers

Dr. Sudhanshu Vratsi, Director, RCB, Faridabad

Dr. Sanghamitra Pati, Director, ICMR-RMRC, Bhubaneswar

Dr. Ishan Patro, Jiwaji University, Gwalior

Dr. Subhra Chakraborty, Director, NIPGR, New Delhi

Join the webinar: Wed, Jan 13, 2021 11:00 AM (IST)

Please join from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/997006453>

CURTAIN RAISER

DECEMBER 4-5th 2020

INDIA INTERNATIONAL SCIENCE FESTIVAL 2020

Science for Self-Reliant India and Global Welfare

ORGANISATIONAL EVENT

 Dr. Anshu Panda, Director, ILS	 Dr. Renu Swarup, Secretary, Dept of Biotechnology, GOI
 Dr. Ajay Parida, Director, ILS	 Dr. Sanghamitra Pati, Director, ICMR-RMRC

SPEAKERS

 Dr. Anshu Panda, Director, ILS	 Dr. Saroj Barik, Director, NBRI
 Dr. Subhra Chakraborty, Director, NIPGR	 Dr. Ishan Patro, Jiwaji University

Virtual Science Expo and Open Day

Speakers

Physical Sciences: Dr. Vedanga Mohanty, NISER
Chemical Sciences: Dr. Yotirmayee Dash, IACS
Vaccines and Drugs: Dr. Amulya Panda, NII
Biodiversity: Dr. Saroj Barik, NBRI

Highlights

- About 5000 participants from 18 schools and colleges (from 10 Districts) participated.
- Online demonstration of simple experiments.
- Virtual tour of laboratory and animal house.

PROGRAM

SAT 1: 4.0.2020

10:00-11:00 AM: Inaugural Session

- Dr. Anshu Panda, Director, ILS

11:00-12:30 PM: Inaugural Lectures

- Dr. Yotirmayee Dash, Professor, IACS
- Dr. Subhra Chakraborty, Professor, NIPGR

12:30-12:45 PM: Presidential Address: A student's experience on the journey!

1:00-3:00 PM: COVID Diagnostic, Surveillance & Research

SAT 2: 5.0.2020

10:00-11:00 AM: COVID Diagnostic, Surveillance & Research

11:00-12:30 PM: Inaugural Lectures

- Dr. Anshu Panda, Director, ILS
- Dr. Saroj Barik, Director, NBRI

12:30-12:45 PM: Presidential Address: A student's experience on the journey!

1:00-3:00 PM: COVID Diagnostic, Surveillance & Research



WEBINAR ON ENTREPRENEURSHIP



DBI-ILS WEBINAR SERIES Insights into Entrepreneurship in Biotechnology

Leveraging Academic R&D for Product Innovation: A Few Case Studies and A Way Forward

Join the Webinar
28th Oct 2020; 2.00 PM

Registration Link:
<https://forms.gle/EvKAAoCgNgulq6wH9>

For details contact: inovation@ilscs.in

INSIGHTS INTO ENTREPRENEURSHIP IN BIOTECHNOLOGY



Inaugural Address
Dr. Resu Bhasurup
Secretary, Department of
Biotechnology, Govt. of India



Special Remarks
Shri Bantaah Kumar
Barangi, IAS
Principal Secretary,
Department of Science and
Technology, Govt of Odisha



Welcome address
Dr. Ajay Parida
Director,
Institute of Life Sciences,
Bhubaneswar

SPEAKERS



Dr. Taalimarif Raipad
Director and CEO,
C-CAMP, Bangalore
Innovation trends in
Biotechnology



Dr. Vijay K. Vijayaraghavan
CEO, Sathguru Management
Consultants, Hyderabad
Academic Spin Off:
Challenges and Opportunities

Leveraging Academic R&D for Product Innovation: A Few Case Studies and A Way Forward

Join the Webinar
28th Oct 2020; 2.00 PM



Prof. V. Rangopal Rao
Director, Indian Institute of Technology, Delhi

An accomplished Academician, Researcher and Scientific
Leader, Prof. Rao has over 430 research publications, 45
patents (including 17 US patents) and licensed 12 of them for
commercialization.

Dr. Rao is Fellow of the Indian National Academy of
Engineering, Indian Academy of Sciences, National Academy of
Sciences, and Indian National Science Academy.

Dr. Rao is recipient of several awards and recognitions including
Shanti Swarup Bhatnagar Prize, Infosys Prize, Swarnajayanti
Fellowship, TechnoMentor award, NAD Alliance Platinum
Jubilee award, J. C. Bose National Fellowship, Prof. C.V. Raman
National Bioscience award, IASIRI Award.

National Science Day

Speakers

- Shri Ashok Panda, Minister
- Dr. Sudhakar Panda, Director,
NISER
- Dr. Priyambada Mohanty
- Dr. Dinabandhu Sahoo

No. of participants: 600
(from 4 colleges)

An event was organized in
collaboration with Odisha Science
Centre

International Women's Day- March 8, 2021

Career Path for Women Scientists

Speakers

- Dr. Anu Acharya, CEO, Map
Mygenome
- Dr. Sanghamitra Pati, Director,
RMRC
- Dr. Sabita Acharya, VC, Utkal
University

No. of participants :160

Patna

World Environment Day-Plantation



Dr. Krishna Pandey
MD General Medicine
Scientist 'G'
Director , ICMR-RMRIMS,
Patna



World Environment Day Webinar on Ecosystem Restoration (at ICMR-RMRIMS, Patna)



Pune



Visit to Snehawan: Non-profit Organization helping children of farmers who made suicide





NASI's endeavour for Quality Education, Health and Nutrition.




Motivation for Higher Education and Research

Uttarakhand




National Webinar
on
“Issues and Solutions for Saving Biodiversity in Himalayan Region”

On the Occasion of World Environment Day-2020
(Theme: Biodiversity) 5 June, 2020 (Friday)



Organized by:
Uttarakhand State Council for Science and Technology (UCOST), Dehradun
and
The National Academy of Sciences India, Uttarakhand Chapter



Celebration of Harela (Plantation) Week

(16th July, 2020 to 23rd July, 2020)



Webinar on “COVID 19 Lockdown – Coping with Stress”

As the country was facing the ferocious surge of the pandemic, UCOST with NASI- UK Chapter made an effort to organize a Webinar on “COVID 19 Lockdown – Coping with Stress” on the occasion of **Independence Day** on 15th August, 2020 to generate awareness among the masses and work for the social cause.

COVID-19 LOCKDOWN COPING WITH STRESS
15 August 2020 | 11:00 AM

PANEL DISCUSSION
ON **Zoom**

TO JOIN ON ZOOM CLICK
Meeting ID - 97961 87043
Password - VigyanDham

PANELISTS

- Dr. Chandan Pathak (IAS)
- Dr. Anjan Ray (IAS)
- Mr. G. J. Eshwara
- Dr. Harish Shetty

Dr. Rajendra Dubhal (IAS) - MODERATOR

NASI, Uttarakhand Chapter

“Writing Research Papers & Grant Proposals: Scientific, Technical, and Ethical Practices & Conduct”

(24th to 29th August, 2020)

UCOST organized a workshop on “Writing Research Papers & Grant Proposals: Scientific, Technical, and Ethical Practices & Conduct” in joint collaboration with National Institute of Technology, Srinagar, Uttarakhand and NASI, UK- Chapter. This workshop was digitally inaugurated on 24th Aug, 2020



“Intellectual Property Rights: Fundamentals and its importance in present context”

(8th-11th September, 2020)



WEBINAR SERIES ON
Intellectual Property Rights: Fundamentals and its Importance in Present Context
8th to 11th Sep 2020 | 11:00 AM to 01:00 PM

INAUGURAL SESSION (8TH SEPT 2020)

 DR. YASHWANT PANKAJ Assistant Director, UCO	 DR. RAJENDRA DOHAL Director General, UCOST	 DR. PRADEEP DHANRAJ Executive Director, TIFAC	 DR. R. SAHA Senior Deputy Director of Technology Forecasting & Assessment Council New Delhi, India
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9th - 11th SEP SESSIONS WILL START FROM 11:00 AM TO 01:00 PM

A webinar (lecture series) was jointly conducted by UCOST, Department of Science and Technology (DST) GoI, Technology Information Forecasting and Assessment Council (TIFAC) and NASI, UK- Chapter from 8th to 11th September, 2020 .

Topic- “Intellectual Property Rights: Fundamentals and its importance in present context”

“Webinar on Science & Technology based solution to combat the Covid-19 Pandemic”

December 5, 2020

A Webinar on “Science & Technology based solution to combat the Covid-19 Pandemic” was jointly organized by UCOST, Dehradun, NASI Prayagraj & NASI Uttarakhand Chapter, Dehradun on 5th December 2020. Prof. G. Padmanaban, Hon. President, NASI; Former Director, IISc, Bangalore delivered the Key note Address. Dr. Manju Sharma, Former Secretary to the Govt. of India, DBT; NASI Distinguished Woman Scientist Chair mentioned about the JAGRUKTA Abhiyan and presented a detailed statistics on various programmes organized by NASI HQs and the Local Chapters.



Celebration of International Women’s day- 2021 & “Malti Purohit Memorial Award” ceremony

On the occasion of International Women’s Day on 8th March, 2021, UCOST and NASI-UK Chapter initiated “Malti Purohit Memorial Award” in the memory of late Mrs. Mallti Purohit, beloved wife of Padam Shri Prof. A. N. Purohit. She was a journalist, teacher and a well known social activist also.

Theme- Women in Leadership- Achieving an equal future in COVID-19 World

Awardees -Dr. Ranjana Pathania (Prof. IIT Roorkee) for her research in field of Antibiotic resistance and Dr. Kiran Bhatt Todaria for social activities. (Online & Offline both mode)



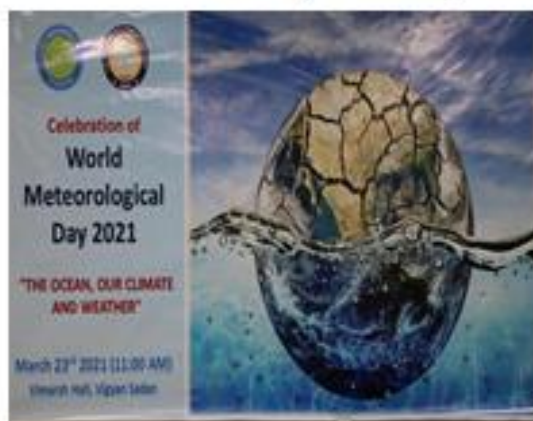
A Popular lecture was delivered by Dr K.S. Misra, Executive Director, NUREMCO & Former Distinguished Professor, UPES, Dehradun on occasion of

World Meteorological Day-23rd March, 2021

Topic- “Connecting the ocean, climate and weather within the Earth System” under the theme “The Ocean, Our Climate and Weather” (Online & Offline)

A Popular lecture was delivered by Dr Prakash Chauhan, Director, Indian Institute of Remote Sensing (IIRS), Dehradun on the occasion of World Water Day, 2021

Theme “Valuing Water” (Online & Offline)



Varanasi

Activities Conducted by **NASI-Varanasi Chapter** (April 2020 to March 2021)



➤ **Activities Organized for Spreading Awareness about COVID-19 Pandemic (May-June 2020)**

Audio clips on the health effects of Corona virus and various social distancing norms for preventing the spread of the virus in local dialect (i.e. **Bhojpuri**) were circulated among local women, farmers and villages in remote areas of Varanasi, **Mirzapur** and **Sonbhadra** districts during **May** and **June, 2020**.



➤ **Essay Competition Conducted by the Chapter on June 5, 2020**

Keeping in view, the role of biodiversity in regulating various infectious diseases including COVID-19, the Varanasi Chapter conducted an essay competition on the theme **"Biodiversity: The Nature-Based Solutions for Pandemics & Human Wellbeing"** for UG, PG and PhD Scholars on the eve of **World Environment Day (5 June 2020)**; **No of Participants: 250**. Prizes (I, II, & III) were given to winners of each category.



➤ **Women Sensitization Program- June 26 ,2020**

An interactive session on **"Awareness Building on COVID-19 Pandemic"** under **Women Sensitization Program of NASI** was organized at ISLS, BHU, Varanasi on **26 June 2020** at 1:00 pm (online).

➤ **Awareness Program on COVID- 19 was organized for College and School Students on July 3, 2020**

An awareness program on **"COVID 19 and its Origin, Impacts and Precautions"** was organized among the **students of schools and colleges of Varanasi** in collaboration with **Sunbeam College for Women, Varanasi (July 3,2020)**.

➤ **An Interactive Session on 'Psychological Effects of COVID-19 on Women Health'- August 16, 2020**

An interactive session on **"Psychological effects of COVID-19 on Women Health"** under **Women Sensitization Program of NASI** on **August 16, 2020** at 11:30 am to foster the development of **positive psychology, education and thinking amongst faculties and Ph.D students ,specially the women**.

**Interactive Session on
COVID-19 & its impact
on women's health
(Aug. 16, 2020)**



➤ **Special Awareness Program on COVID-19 for
Visually Impaired Student s(September 3 , 2020)**

A 'Special Awareness Program on COVID-19' was organized for visually impaired students of Middle, Senior School, Colleges and Universities of Varanasi and thereafter, an essay competition on above topic was conducted to evaluate their understanding on **September 04 ,2020**.

➤ **Ozone Day Celebration on 16 September 2020**

An essay competition was organized on the **World Ozone Day Celebration on 16th September, 2020**. The topic of the contest was "Ozone for Life: 35 Years of Ozone Layer Protection" for school students of 10th and 12th standards and PhD Scholars.

➤ **Lectures on Nobel Prize 2020 Winning Works**

On **07.11.2020**, Lectures on Nobel Prize 2020 winning work in Physics, Chemistry and Medicine was conducted. The Lectures were given by:



Prof. Saumitra Das, IISc,
Bangalore



Prof. Debojyoti Chakraborty,
University of Delhi, New Delhi



Prof. Kulinder Pal Singh,
IISER, Mohali,

National Webinar on Jagkruta Abhiyan for COVID-19 Pandemic on January 12, 2021

A webinar on 'Jagrukta Abhiyan for COVID-19 Pandemic' was jointly organized by NASI Varanasi Chapter and NASI HQ on **January 12, 2021** (during 11 am -2 pm) under NASI New Initiatives.



January 12th, 2021
(Tuesday)
11:00 AM to 2:00 PM



Prof. Sakshi Bhattacharjee
Asst. Chancellor, Banastheri Medical University (BMU), Varanasi, UP
Topic: *Abstract*



Dr. Naveen Mishra
All India Institute of Medical Sciences (AIIMS), New Delhi
Topic: *Living with COVID-19: My Journey*



Prof. Pankaj Sethi
National River Research Centre (NRRC), Mirzapur, Goran, Mirzapur
Topic: *COVID-19 & water: does it contribute to the development of COVID-19 patients?*



Prof. Sanku Kumar Singh
Institute of Medical Sciences, Banastheri Medical University (BMU), Varanasi, UP
Topic: *COVID-19 pathogenesis: How? (various other answers)*



Prof. Paranjoti Shrivastava
University of Delhi, New Delhi
General Secretary, NASI, Prayagraj, UP
Topic: *Abstract*



Varanasi Chapter



Poshan Mah Celebration, Poshan Abhiyan & Jagrukta Abhiyan,

(September 18, 2020 to February 18, 2021)

On 18.09.2020, an awareness programme regarding nutritious food in combating risk of COVID-19 and enhancing immunity was conducted during **Poshan month** and nutrient supplements and seeds of vegetables were distributed. **Poshan Abhiyan** along with **Jagrukta Abhiyan** for adopting **COVID-19 appropriate behaviour** was continued to spread awareness among local women and villagers in **Koori** and **Dadra** villages of **Mirzapur** and **Jayapur**, **Paniyara** and **Bhawanipur** villages of **Varanasi**.



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