

The National Academy of Sciences, India (NASI)

5, Lajpatrai Road, Prayagraj-211002, India

Monthly Summary for the month of November 2020

- 1. Following the LAUNCH OF JAGRUKTA ABHIYAN FOR COVID-19 PANDEMIC, by the Hon'ble Prime Minister of India, the series of WEBINARS were launched by NASI under its NASI-New Initiatives (Chair: Prof. Manju Sharma, Past President, NASI). The first webinar was held on Oct. 31, 2020 with Prof. Balram Bhargava, DG, ICMR, New Delhi as the Chief Guest. Prof. G. Padmanaban, President, NASI delivered the Presidential Address, while Prof. Ajoy Ghatak, Chairperson, NASI Delhi Chapter made the 'Opening Remarks'. The programme was initiated with the Welcome Address by Prof. Manju Sharma (please see the copy of the programme-Annex. I; detailed report is being prepared).
- 2. COVID-19 awareness camp, was jointly organized by the National Academy of Sciences, India (Jharkhand Chapter), SEEDS & CSIR-NML, on Nov.1st, 2020 at a tribal village of West Singhbhum district. Volunteers explained the importance of sanitization, hygiene and face mask to the natives of the village in 'Ho' dialect (Annex. 2)
- 3. JAGRUKTA ANDOLAN & WEBINAR on "Impact of COVID-19 on Human Health and Society", organised by the NASI Kolkata Chapter on 6th Nov. 2020, and also on 22nd Nov. 2020 (Annex. 3 & 4).
- 4. 'LECTURES ON NOBEL PRIZE-2020 WINNING WORK' in Physics, Chemistry and Physiology/Medicine, was jointly organised by the NASI-Varanasi Chapter & IAS, BHU, Varanasi on 7th Nov. 2020 (Annex. 5).
- 5. A WEBINAR under the NASI's Science and Society Programmes on Poshan Awareness was jointly organised by NASI-Delhi Chapter and Inter University Accelerator Centre, New Delhi, on Nov. 17 on a broad topic on 'Ionising Radiation: Transforming Agriculture, Food, and Supply Chains', with Dr R. Chidambaram, a world famous scientist as the Chief Guest (Annex. 6).
- 6. A talk on Covid-19 by Dr. T. Vidhya, Chennai was organized by the NASI-Chennai Chapter on November 21st. The talk was attended by more than 100 persons. The link to the youtube of the talk is https://youtu.be/xf_cse2oTXc
- 7. About 22 Web Meetings (including the NASI-Council Meeting) were held in between Nov. 9-21, 2020 to select different awardees/fellows and so, to recognize their talent and scientific contributions.

Several other NASI Chapters also organized online scientific activities.



The National Academy of Sciences, India (NASI) cordially invites you to kindly attend a

WEBINAR

on the occasion of

JAGRUKTA ABHIYAN FOR COVID-19 PANDEMIC to be launched by





Chairperson: Prof. (Mrs.) Manju Sharma, Past President, NASI

Inaugural Address: Prof. Balram Bhargava, Secretary, ICMR, Govt. of India

Presidential Address: Prof. G Padmanaban, Hon'ble President, NASI



LAUNCH OF JAGRUKTA ABHIYAN FOR COVID-19 PANDEMIC

by NASI HQ under NASI New Initiatives

Date: October 31, 2020 Time: 11:30 am to 1:30 pm

PROGRAMME

Welcome Address Prof. (Mrs.) Manju Sharma

Former Secretary to the Govt. of India Department of Biotechnology, New Delhi;

Chairperson, NASI New Initiatives

Inaugural address Prof. Balram Bhargava

Director General, ICMR;

& Secretary, DHR, Govt. of India

Title COVID-19 Pandemic Opening Remarks Prof. Ajoy Ghatak

MN Saha Distinguished Chair Professor, NASI

Formerly Professor at IIT, Delhi Chairman, NASI Delhi Chapter

Title Distance Learning: A Great Concept Used during COVID-19

Presidential address Prof. G. Padmanaban

Hon'ble President, NASI;

Former Director, IISc, Bangalore

Speaker-1 Dr. V.M. Katoch

NASI-ICMR Chair on Public Health Research at RUHS, Jaipur;

Former DG, ICMR; & Secretary, DHR, Govt. of India

Title COVID-19 Pandemic: Opportunity for Socio Behavioural transformation

Speaker-2 Dr. Sanjeev Sinha

Department of Medicine

AIIMS, New Delhi

Title COVID-19 Management

Speaker-3 Prof. H.N. Verma

Vice Chancellor, JNU Jaipur; Chairman, NASI Jaipur Chapter

COVID-19 Pandemic – Some Facts

Speaker-4 Dr. Ashish Tandon

Senior Medical Doctor (Chest Specialist)

Prayagraj

Title

Title

Vote of Thanks Dr. Niraj Kumar

Executive Secretary,

The National Academy of Sciences, India, Prayagraj



COVID-19 awareness camp, jointly organized by National Academy of Sciences, India (Jharkhand Chapter), SEEDS & CSIR-NML, on Nov.1st, 2020 at a tribal village of West Singhbhum district. Volunteers explained the importance of sanitization, hygiene and face mask to the natives of the village in 'Ho' dialect.

National Academy of Sciences India Annex.

06.11.2020 Time: 6 PM

(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

FTWAS, FNA, FASc, FNASc, SERB-Distinguished Scientist, CSIR-IICB Secretary, NASI Kolkata Chapter.



Address by Dr. Hemanta K. Majumder

FTWAS, FNA, FASc, FNASc, Senior Scientist Platinum Jubilee Fellow, CSIR-IICB, 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, ICMR-NICED, Kolkata.

<u>7.20 - 7-30PM</u>:

Vote of thanks by **Prof. Sanjit Dey**, Ph.D, MNASc,

Department of Physiology, University of Calcutta, Coordinator.

Registration link till 03.11.2020 https://forms.gle/BD4XSUGmliyjUnEw9



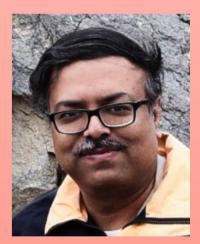
Webinar link: On 06.11.2020: 6 PM

https://www.youtube.com/watch?v=rN8ODNlBXB0

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









Annex. 4 **National Academy of Sciences India** 22.11.2020 Time: 5PM

(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 H.S. Council

5-05-5.10 PM: About activity of NASI by Dr. Chitra Mandal, FTWAS, FNA, FASc, FNASc, SERB-Distinguished Scientist, CSIR-IICB, Secretary, NASI Kolkata Chapter.

5.10-5.15 PM: Introduction of Chief Guest by Dr. Hemanta K.

Majumder, FTWAS, FNA, FASc, FNASc, Senior Scientist Platinum Jubilee Fellow, CSIR-IICB, President, NASI Kolkata Chapter.

5.15-5.25 PM: Inaugural Address by Dr. Manju Sharma, PADMA BHUSAN, FTWAS, FNASc, FNAAS, 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 Chakraborti, MD, PhD, Principal Scientist, Cell Biology & Physiology Division, CSIR-IICB



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-IICB**



6.55–7.05 PM:Concluding Remarks by Dr. Amit Ghosh

FNA, FASc, FNASc, Ex-Director, CSIR-IMTECH, Chandigarh, J.C. Bose Distinguished Chair Professor of NASI, ICMR-NICED, Kolkata.

7.05-7.10PM: Vote of thanks by Prof. Sanjit Dey, Ph.D, MNASc, Department of Physiology, University of Calcutta, Coordinator.

Registration: FREE Webinar link: On 22.11.2020: 5 PM

https://www.youtube.com/watch?v=RDopd67vS5k

The event is managed by "Team Physiospehere": an initiative of Dept of Physiology,

University of Calcutta



LECTURES ON NOBEL PRIZE-2020 WINNING WORK in

PHYSICS, CHEMISTRY and PHYSIOLOGY/MEDICINE

Nobel Prize Winners



Roger Penrose



Reinhard Genzel



Andrea Ghez

Topic

A supermassive black hole in the center of the Milky Way

Discussant

Prof. Kulinder Pal Singh FNA, FNASc, FASc, Visiting Professor, Indian Institute of Science **Education and Research** (IISER) Mohali



Emmanuelle Charpentier



Jennifer Doudna

Re-writing the code of life

Dr. Debojyoti Chakraborty Senior Scientist, Institute of Genomics and

Integrative Biology (IGIB), New Delhi



Harvey J Alter



Michael Houghton



Charles M Rice

Hepatitis C Virus: Life in the liver

Prof. Saumitra Das FNA, FNASc, FASc Director, National Institute of Biomedical Genomics, (NIBMG) Kalyani

Date & Time: 7th November 2020; 10:15 AM

Venue: Shatabdi Krishi Prekshagrih, Institute of Agricultural Science, BHU







NASI Science and Society Webinar Series Poshan Awareness Program

Ionising Radiation: Transforming Agriculture, Food, and Supply Chains

| Tuesday, 17 November 2020 | 3.00 pm to 5.00 pm | CISCO WebEx Platform |



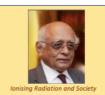
Poshan Awareness Programme

Dr. Manju Sharma

NASI Distinguished Woman

Scientist, Former Secretary, DBT

Weblink



Dr. R. Chidambaram Former Principal Scientific Advisor to Govt. of India Radiation Technology in Agriculture

Dr. Sanjay J. Jambhulkar Head, Nuclear Agriculture and Biotechnology Division, BARC

Live Stream



Food Preservation

Dr. Arun Kumar Sharma

Raja Ramanna Fellow

Ex-Head, Food Technology Div, BARC







Organized by
National Academy of Sciences, India (NASI) Delhi Chapter

Inter University Accelerator Centre

NASI Science and Society Webinar Series

Poshan Awareness Program

Ionising Radiation: Transforming Agriculture, Food, and Supply Chains

Organized by

National Academy of Sciences, India (NASI) Delhi Chapter Inter University Accelerator Centre

| Tuesday, 17 November 2020 | 3.00 pm to 5.00 pm | |Virtual Platform: CISCO Webex| Live Streaming:

	Virtual Platform: CISCO Webex Live Streaming:
3.00 to 3.05 pm	Welcome
	Professor Ajoy K Ghatak
	Professor Emeritus @IIT Delhi
3.05 to 3.10 pm	Introductions
	Professor Avinash C. Pandey
	Director, Inter University Accelerator Centre
3.10 to 3.20 pm	NASI Poshan Awareness Program
	Dr. Manju Sharma
	DST-NASI Distinguished Woman Scientist Chair
	Former Secretary, Department of Biotechnology, Govt. of India
3.20 to 3.30 pm	Ionszing Radiation and Society
	Dr. R. C. Chidambaram
	Homi Bhabha Professor, BARC
	Former Principal Scientific Advisor to Govt. of India
3.30 to 4.00 pm	Radiation Technology in Agriculture
	Dr. Sanjay J. Jambhulkar
	Head, Nuclear Agriculture and Biotechnology Division, BARC
4.00 to 4.30 pm	Radiation Technology for Food Preservation
	Dr. Arun Kumar Sharma
	Raja Ramanna Fellow
	Ex-Head, Food Technology Division, BARC
4.30 to 4.58 pm	Panel Discussion with Experts
	Coordinators: Pratibha Jolly, Anirban Pathak and Manoj Saxena
4.58 to 5.00 pm	Vote of Thanks