



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. 1](#); 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**



NASI HQ

OCTOBER 31, 2020



Stay Safe, Stay Healthy



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

Title

COVID-19 Pandemic – Some Facts

Speaker-4

Dr. Ashish Tandon

Senior Medical Doctor (Chest Specialist)
Prayagraj

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.

(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.



6.10-6.20 PM :

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.



7.20 - 7-30PM :

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/BD4XSUGmIiyjUnEw9>



Webinar link: On 06.11.2020: 6 PM

<https://www.youtube.com/watch?v=rN8ODNIBXB0>

The event is managed by “Team Physiosphere”: an initiative of Dept of Physiology,

University of Calcutta

National Academy of Sciences India

(NASI) Local Chapter, Kolkata



Date:
22.11.2020
Time: 5PM

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

Topic

Discussant



Roger
Penrose



Reinhard
Genzel



Andrea
Ghez

A supermassive
black hole in the
center of the
Milky Way

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 |

 <i>Poshan Awareness Programme</i> Dr. Manju Sharma NASI Distinguished Woman Scientist, Former Secretary, DBT	 <i>Ionising Radiation and Society</i> Dr. R. Chidambaram Former Principal Scientific Advisor to Govt. of India	 <i>Radiation Technology in Agriculture</i> Dr. Sanjay J. Jambhulkar Head, Nuclear Agriculture and Biotechnology Division, BARC	 <i>Radiation Technology for Food Preservation</i> Dr. Arun Kumar Sharma Raja Ramanna Fellow Ex-Head, Food Technology Div, BARC
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Weblink Live Stream

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

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