



THE INSTITUTE OF SCIENCE MUMBAI ALUMNI ASSOCIATION

15, Madam Cama Road, Mumbai 400 032.
Phone: 022-2844219, 2829293/4/5

ANNUAL REPORT 2021-22

The Executive Committee Meeting (ECM) was held on 8th May 2022 and Annual General Body Meeting (ABGM) was scheduled on 18th June 2022.

The current membership status:

Patron members	12
Life Members	301

Annual Report of The Institute of Science Alumni Association (ISAA) for the Academic year 2020-21

“How to read Scientific Literature & Introduction to MANAV-The Human Atlas Initiative.” Dr. Anupma Harshal W. on 2nd June 2021

The webinar was organised on 2nd June 2021 at 2.00 pm under the auspices of ISAA and IQAC, The Institute of Science, Dr. Homi Bhabha State University, Mumbai. Project MANAV-THE HUMAN ATLAS INITIATIVE is a citizen science initiative that builds a human atlas by curation of all available macro and micro level information from life science literature and public databases. One of the aims of the project being initiation of students into scientific reading, an important skill to learn to be successful in any field of science, be it academics, research or policy making. This webinar was a step towards teaching students the importance of reading scientific literature and how to efficiently extract information from research articles.

The webinar included :

- 1) An in-depth presentation on ‘How to read scientific literature’ and
- 2) An introduction to project MANAV , explaining how students can participate and contribute to this project.

The webinar was followed by two tests which were administered online to all participating students which basically comprised of a test for reading scientific contents and a general English proficiency test.



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Mrs. Shilpa Sabnis, Associate Professor, Department of Microbiology & Jt. Secretary, ISAA was the Faculty Co-ordinator for the program which was attended by more than 100 participants. Mrs. Sabnis welcomed the guest and introduced her to the audience. Dr. N.V. Thakkar, President, ISAA, congratulated the speaker on her wonderful presentation and lauded the work being done by MANAV. The webinar was followed by an interactive question answer session with the participants. The session was well appreciated by all the participants who responded not only in the chats during the online session but, also in form of emails in appreciation of the session. All the participants who attended the session and successfully completed the two tests were presented with an e-certificate by MANAV.



"TRAINING AND PROJECT AWARENESS" SESSION UNDER
PROJECT MANAV-THE HUMAN ATLAS INITIATIVE

HOW TO READ SCIENTIFIC LITERATURE & Introduction to MANAV-The Human Atlas Initiative

By

DR. ANUPMA HARSHAL W.
CONSULTANT
(Science Communication and Public Engagement)
Manav- Human Atlas Initiative, IISER, Pune

Platform: ZOOM
Target audience -
students/teachers/ Researchers
All participants will receive a
downloadable certificate on successful
completion of two ONLINE TESTS.
(1) English Proficiency Test
(2) Post Webinar Questionnaire

on
2nd JUNE 2021
Time : 12.00 p m

Organized by
ISAA and IQAC, The Institute of Science,
Dr. Homi Bhabha State University; Mumbai

Dr. Aparna Saraf
Secretary ISAA &
IQAC Co-ordinator

Prof. N.V. Thakkar
President, ISAA

Dr. Jairam Khobragade
Director

FOR REGISTRATION - <https://forms.gle/b6jNVSe6LGJo55Jv9>

- ❖ Dr. Anupma Harshal W., Consultant (Science Communication & Public Engagement) Manav- Human Atlas Initiative, ISSER, Pune delivered an online talk on “How to read Scientific Literature & Introduction to MANAV-The Human Atlas Initiative.”



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“Spinal Cord Injury (SCI) – a Devastating & Incurable Permanent Disability”

Dr. Ketna Mehta on 15th November 2021

The spinal cord is an integral part of the Central Nervous system a small damage could result in a devastating and incurable disability, but one can overcome the challenges provided apt rehabilitative therapy is provided, keeping this in mind Institute of Science Alumni Association (ISAA) in coordination with Nina foundation decided to arrange the awareness programme on Spinal cord Injury. Nina foundation is an NGO founded by Dr Ms Ketna Mehta, herself a paraplegic for the past 23 years, in memory of her sister late Dr Nina Doshi. It works with a vision to spread optimism and hope of good health to people with spinal cord injury by providing innovative rehabilitation services.

The programme commenced with the introduction of Guest speaker, Dr Ketna Mehta along with team Nina foundation by Dr J.V Yakhmi, he highlighted the work of Nina foundation and the role of Dr Mehta in it, afterwards, he asked ISAA president Prof.N.V Thakkar to speak few words, Prof.Thakkar spoke about the activities carried by the ISAA in the past and the vision it has.

After This Dr Ketana Mehta started with her presentation, she began with her own journey as a paraplegic, a result of the spinal cord injury she got during paragliding, she highlighted the importance of the role family played in her rehabilitation. Being a patient of spinal cord injury in the early 2000s wasn't easy for her as the nation lacked the proper rehabilitation centre, this triggered her into establishing the foundation which would especially help underprivileged patients with spinal cord injury, in her lecture cum discussion she spoke about the change government needs to bring into their policies, she also explained seven-step rehabilitation which helps the patients and various top-notch equipments which are provided by Nina foundation at low cost. Her talk ended on a heartening note, where she shared her memories of her sister Dr Nina Doshi and thanked various noteworthy members of society for supporting Nina foundation afterwards Ms Suchita Sancheti, and Ms Neenu Kewlani shared the importance of sport and community support in the recovery of spinal cord injury, they also highlighted the job opportunities made available to patients by Nina foundation, Dr Oliver D'Souza from New Zealand too joined this session via video message in which he highlighted the role of psychological support in physical rehabilitation. After their valuable inputs Mr Md Sheikh shared his experiences working as a volunteer for underprivileged spinal cord injury patients, he highlighted lack of family support and rehabilitative care, he also shared his concern about how hospitals treat such patients and due to which many have to seat on-road and sustain on alms of others, he recognised the efforts taken by Nina Foundation to change this situation. His speech sparked the audience discussion in which participants shared their thoughts.

The session ended with a vote of thanks by Dr Yakhmi in which he thanked Dr Khobragade, Director, Institute of Science, Dr Aparna Saraf, ISAA Secretary, Dr Gayatri Barabde & other ISAA team for providing this platform and wished for continued cooperation.



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The National Academy of Sciences, India (Mumbai Chapter)

in association with

**The Institute of Science, Mumbai &
Institute of Science Alumni Association (ISAA)**

Cordially invites all for an Awareness Program on
Spinal Cord Injury and Rehabilitation

Webinar by

Dr. Ketna Mehta

* founder of the NGO Nina Foundation

*Recipient of the NCPEDP Shell Helen Keller Award.

on

**“Spinal Cord Injury (SCI) – a Devastating & Incurable
Permanent Disability”**

Date: Monday, 15th November, 2021, 4:00 pm

Program details:

4:00-4:10 pm:	Introduction by Dr. J.V. Yakhmi
4:10-5:20 pm:	Talk-cum-Discussion by Dr. Ketna Mehta
5:20-6:00 pm:	Short talks on Physiotherapy & Sports for SCI rehabilitation by
	1) Ms. Sunita Sancheti; 2) Mr. Mohd. Sheikh
	3) Mr. Oliver D'Souza; 4) Ms. Neenu Kewlani
6:00-6:05 pm:	Vote of thanks

Click here to join: <https://meet.google.com/xpi-uath-hof>

Dr. Aparna Saraf
IQAC, Coordinator,
Secretary, ISAA

Prof. N.V. Thakkar
President, ISAA

Dr. Jairam Khobragade
Director

- ❖ Dr. Ketna Mehta, founder of the NGO Nina Foundation & Recipient of the NCPEDP Shell Helen Keller Award conducted an online session on “Spinal Cord Injury (SCI) – a Devastating & Incurable Permanent Disability”.
- ❖ The program was conducted in collaboration with The National Academy of Sciences, India (NASI), Mumbai Chapter.
- ❖ Date: Monday, 15th November, 2021, 4:00 pm; <https://meet.google.com/xpi-uath-hof>



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“Food Futures and Plant Proteins” **Prof. Gurmeet Singh on 1st December 2021**

The Institute of Science, Mumbai
in association with
Institute of Science Alumni Association (ISAA)

Cordially invites all for a talk by



Prof. Gurmeet Singh
(IIT-Delhi; MS: Pennsylvania, USA)
Professor & Head
Center for Ayurveda Biology & Holistic Nutrition,
University of Trans Disciplinary Health Sciences & Technology, Bangaluru
Founder
Bev-Science Private Limited

on

“Food Futures and Plant Proteins”
Date: Wednesday, 1st December 2021, 3 pm
<https://meet.google.com/hav-ywbc-hdy>

Dr. Aparna Saraf
Secretary, ISAA,

Prof. N.V. Thakkar
President, ISAA

Dr. Jairam Khobragade
Director

- ❖ **Prof. Gurmeet Singh** (IIT-Delhi; MS- Pennsylvania, USA) Professor & Head, Center for Ayurveda Biology & Holistic Nutrition, University of Trans Disciplinary Health Sciences & Technology, Bangaluru and Founder, Bev-Science Private Limited delivered a talk on **“Food Futures and Plant Proteins”**

- ❖ Date: Wednesday, 1st December 2021, 3 pm


Prof. N. V. Thakkar
Chairman


Dr. Aparna A. Saraf
Hon. Secretary