



प्रकृति मित्र सोसाइटी फॉर साइंस एंड टेक्नोलॉजी Prakriti Mitra Society for Science & Technology (PMSST), Lucknow, India

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Annual report from April 01, 2022 to March 31, 2023

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Dr. Jiwan Singh, Founder member of PMSST

Mrs. Sarita Yadav, Chairperson of PMSST

1. Working committee members

Chandra Bhan, Nikita Knaujiya, Lata Verma, Shalu Rawat, Devesh Vishwakarma, Deepa Kanaujia, Ashish Yadav, Gulshan K. Yadav, Abhishek Kumar and all annual members

2. List of annual members (2022-2023)

S.N.	Name of members	Designation	Address & Email
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13	Prof. Ram Chandra	Professor, BBAU	Lucknow, prof.chandra.bbau@gmail.com
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18	Shalu Rawat	Ph.D. Scholar, BBAU	Pawan Puri, Telibagh, Lko. shalurawat200@gmail.com
19	Nikita Kanaujia	Ph.D. Scholar, BBAU	Jagdishpur, Amethi, nikitakanaujia18@gmail.com
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27.	Vishal Rawat	Faculty, UIET, BBAU	vishal2018st04mnnit@gmail.com
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30	Dr. Ashish Kumar Nayak	Faculty, Prasad V. Potluri Siddhartha Institute of Technology Vijayawada, Andhra Pradesh, 520007, India	coco.ashish@gmail.com

3. Outreach Activities performed

3.1 Distribution of study material to slum children

The study materials have been distributed by the members of PMSST at two different locations in Lucknow. The children of this area are living temporarily in the location along with their parents working as daily wage labors. Some parents are working as hawker and scrap collectors. The details about the activities are given in the below:

Location 1: Slum area, near Rajvansh Residency, BBA University, Lucknow

Date: 01 April, 2022 (currently displaced)

Number of Children: 60

Stationary Items: Hindi-English Books, Note-books, Pencils, Sharpeners, Erasers and Eatables



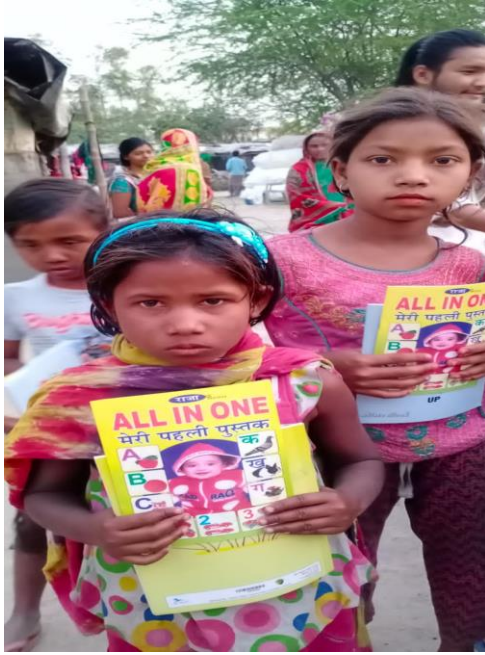


Plate 1: Distribution of stationary items to children

3.2 Celebrated International day of Yoga on June, 21st 2022

PMST celebrated International Day of Yoga day along with resident of Eldeco Shaurya, Bijnor Road, Lucknow.



Plate 2: Celebrated International Day of Yoga with residents of Eldeco Shaurya, Bijnor Road, Lucknow

4. Academic activities

4.1 Journal of Applied Science, Innovation & Technology (JASIT) started in June, 2022

An open-access International Journal entitled, “**Journal of Applied Science, Innovation & Technology (JASIT)**” with ISSN **2583-505X** was started for publishing full-length research papers and review articles covering subjects that fall under the wide spectrum of Science, Engineering and Technology. The journal is dedicated towards dissemination of knowledge related to the advancement in Scientific & Technology Research. The impressive interdisciplinary editorial board reflects the diversity of subjects covered in this journal. This Journal will support the open access policy for making scientific research accessible to one and all. The URL to the journal website is: <https://prakritimitrango.com/documents-reports-and-publications/journal/>

Currently two volumes and four issues have been published online.



Plate 3. Image of Journal has been started by PMSST

4.2 World ozone day celebration

World ozone day celebration was conducted by PMSST in collaboration with the Department of Environmental Science, BBA University, Lucknow on September 16, 2023. Dr. Sri Harsha Kota, Associate Professor, IIT Delhi was invited for special talk on this occasion.

<p>Keynote Speaker</p>  <p>Dr. Sri Harsha Kota Associate Professor Department of Civil Engineering IIT Delhi</p> <p>Interested Faculties/students may attend the Lecture using following link: meet.google.com/ime-ywsi-qyi</p> <p>*Session 5.00PM to 6.00 PM to be conducted by PMSST for paper/poster presentation (for details, please visit website: prakritimitrango.com)</p> <p>Contact: Dr. Jiwan Singh Assistant Professor Department of Environmental Science Email: jiwansingh95@gmail.com Mob. 7376157206</p>	 <p>Prof. Sanjay Singh, Vice- Chancellor, BBAU (Patron)</p>  <p>Prof. Naveen K. Arora Dean SEES, BBAU</p>  <p>Prof. Shikha Head, DES, BBAU</p>  <p>Dr. Jiwan Singh Convenor</p> <p>Organizing committee Prof. Rana Pratap Singh Prof. S.K. Dwivedi Prof. Venkatesh Dutta Dr. N.K.S. More Dr. Narendra Kumar</p>	<p>Online Seminar on International Ozone Day 2022 Celebration</p>  <p>WORLD OZONE DAY</p> <p>Theme Montreal Protocol@35: Global Cooperation Protecting Life on Earth "</p> <p>16th September, 2022 Time: 4.00 PM to 6.00PM</p> <p>Organised by Department of Environmental Science, BBAU, Lucknow. in collaboration with Prakriti Mitra Society for Science & Technology (PMSST), Lucknow</p>
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Plate 4: Brochure of the webinar on World Ozone Day

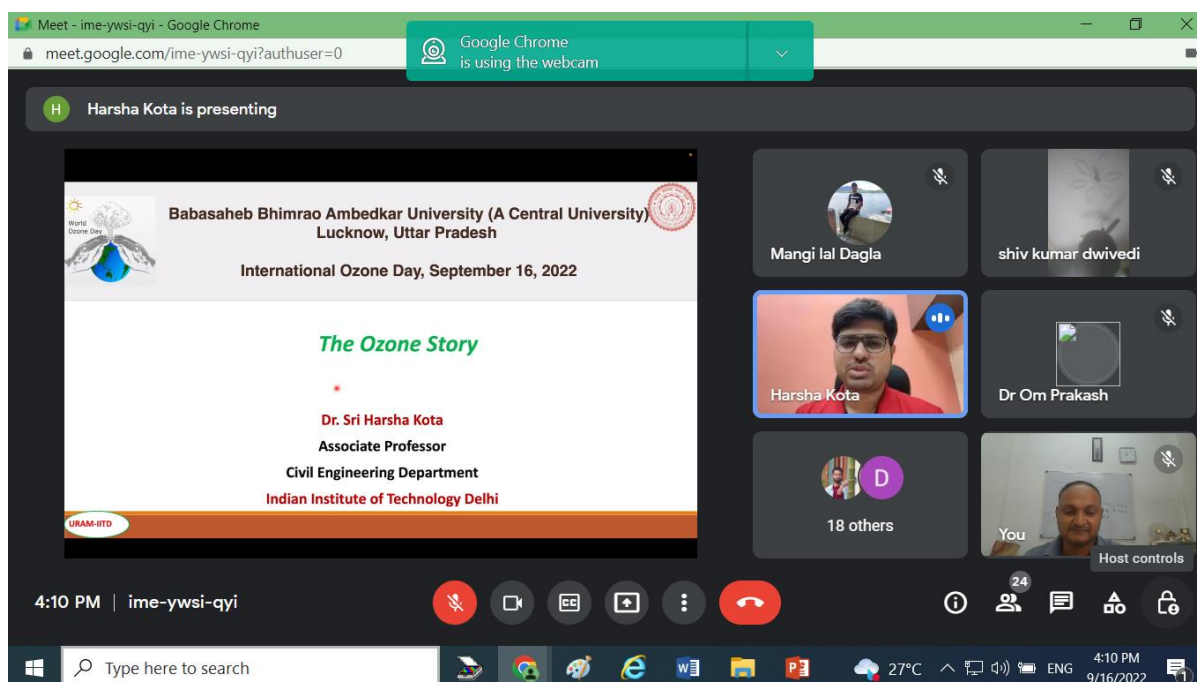


Plate 5: Screen shot of participants and speaker Dr. Harsha Kota



Plate 6: Screen shot of participants and speaker Dr. Harsha Kota

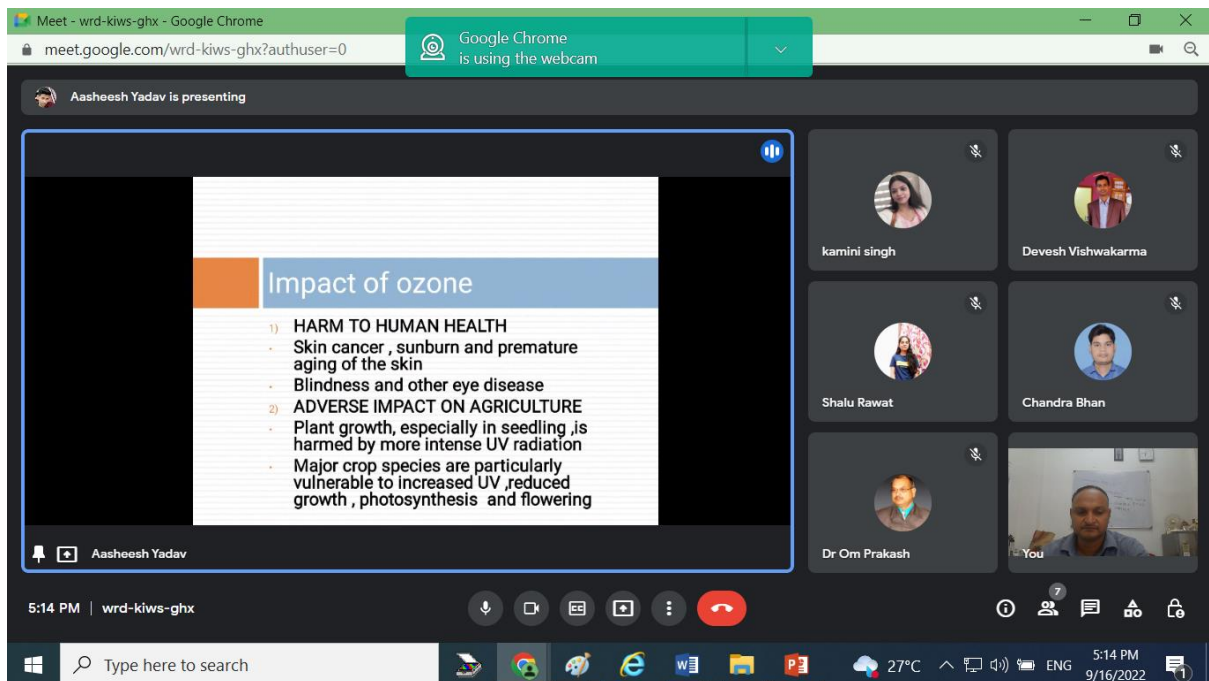


Plate 7: Screen shot of participants presented their work

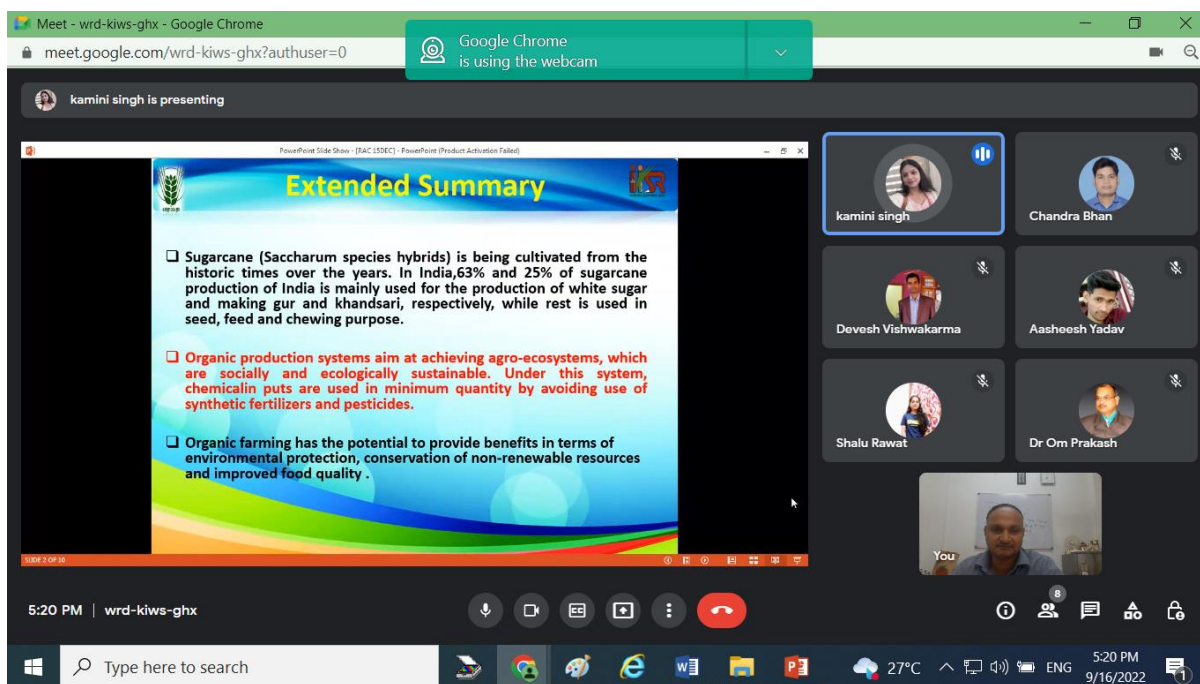


Plate 8: Screen shot of participants presented their work

4.3 Scholarship program

PMST has started scholarship program for M.Sc. and Research scholars from January 2023.

Needy students who are not getting scholarship from other sources may submit their request to Professor Shikha, Secretary, PMSST.

Name of beneficiaries

Dr. Shalu Rawat and Mr. Ashish Yadav from Babasaheb Bhimrao Ambedkar University, Lucknow

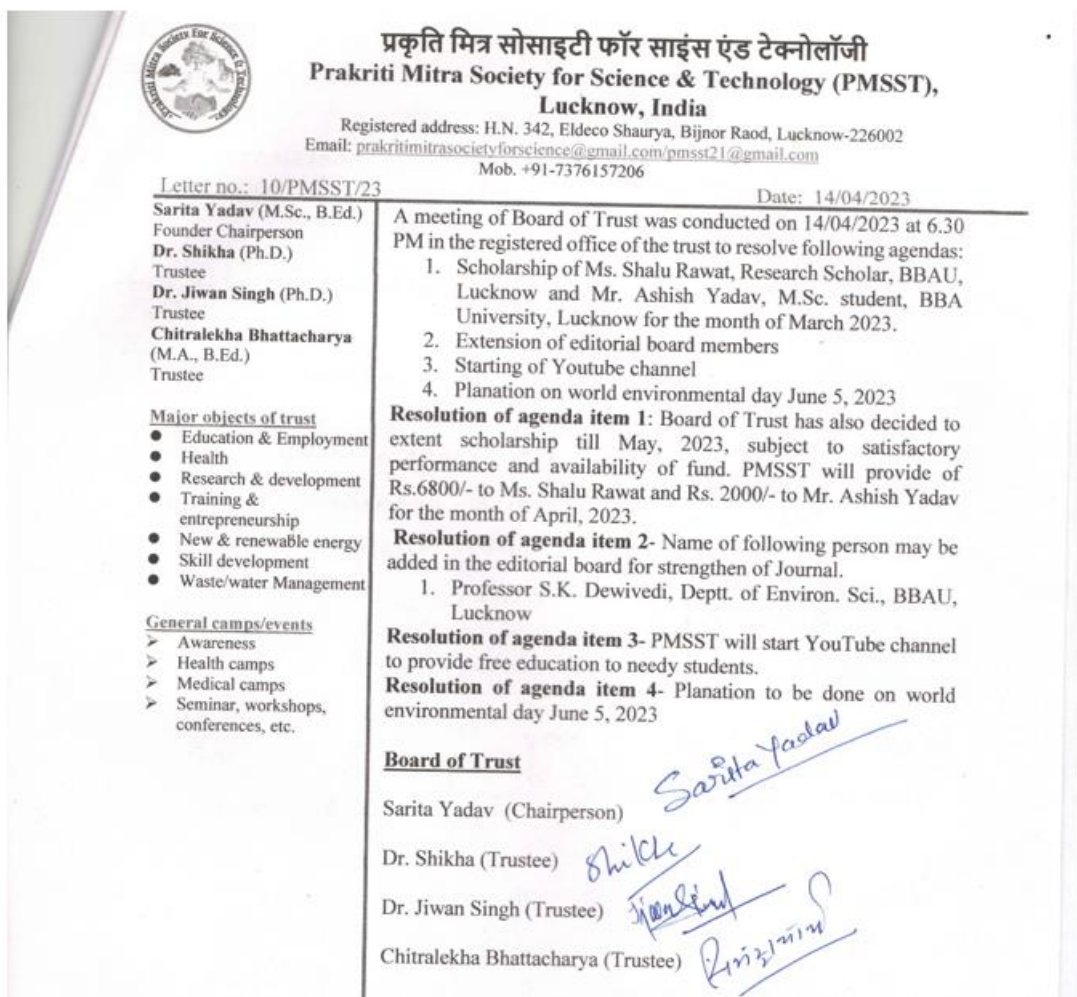


Plate 9. Image of letter released for scholarship

Scholarship has been granted to Ms. Shalu Rawat Research Scholar and Ashish Yadav M.Sc. students, BBA University, Lucknow.

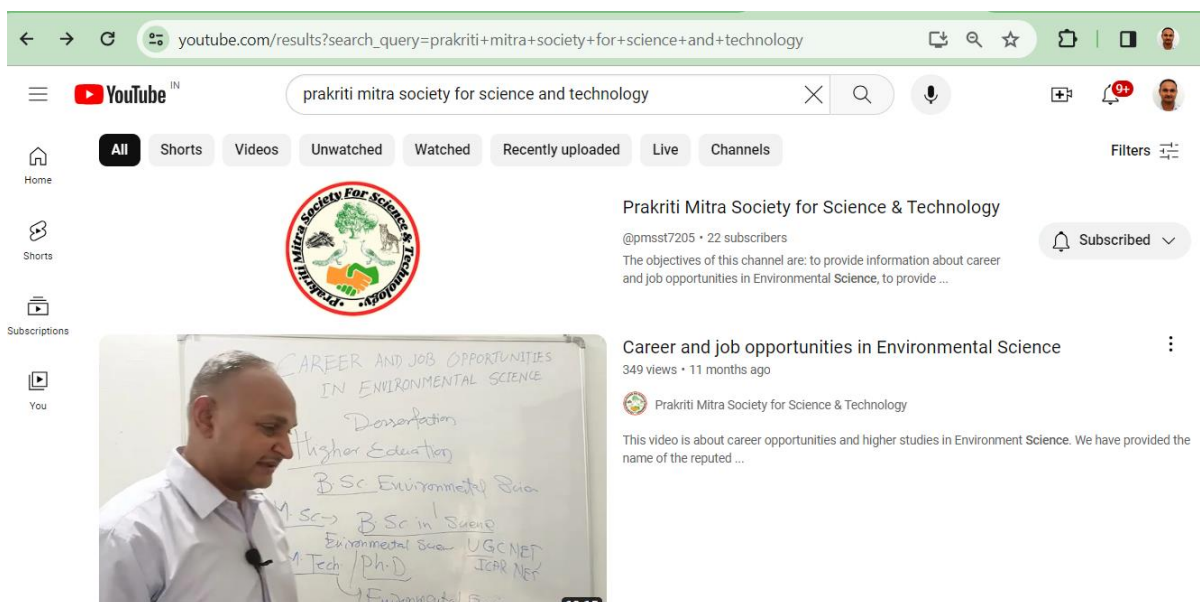


Plate 10. Image of YouTube channel started for needy persons

4.5 World Wetlands Day celebration -2nd February, 2023

Members of PMSST celebrated World Wetlands Day along with Faculty members and M.Sc. student of BBA University, Lucknow at **Hulas Khera wetland, Mohanlalganj, Lucknow** on **2nd February, 2023**. The World Wetlands Day is observed on 2nd February every year all over the world to commemorate the signing of Ramsar Convention on Wetlands of International Importance in 1971. India is a party to the Convention since 1982 and has so far declared 75 wetlands as Ramsar sites covering 23 states and Union Territories.



Plate 11: Participation of Teachers and students in World Wetlands Day on 2nd Feb. 2023

4.6 National Science Day celebration

A **Webinar** was organized on the occasion of **National Science Day- Feb. 28, 2023**. Dr. Raghvendra Singh (GLA University, Mathura) and Dr. Mayur Jain (IIT Indore) delivered a guest lecture in this webinar. Students were encouraged to participate in the event through online presentations. Awards and certificates were provided to the participants.

WEBINAR ON
NATIONAL SCIENCE DAY
FEBRUARY 28, 2023
 Theme "Global Science for
 Global Wellbeing"

Organized by
**Prakriti Mitra Society for Science &
 Technology (PMSST), Lucknow**

KEYNOTE SPEAKERS



Dr. Mayur Shirish Jain
 Assistant Professor
 Department of Civil Engineering
 IIT Indore





Dr. K. Raghvendra Singh
 Assistant Professor
 Department of Civil Engineering
 GLA University, Mathura



Dr. Shikha

**Organizing
 Secretaries**



Dr. Jiwan Singh

Webinar schedule: February, 28, 2023; Time: 4.00 PM to 6.00PM
 Google meet link: meet.google.com/pgq-mbfi-ouy

Abstract is invited for oral/poster presentation on **email-
 pmsst21@gmail.com** on or before Feb. 27, 2023. The best 3
 presentations will be awarded. Participants who are willing to get
 certificate need to register/become member of Society

Plate 12: Flyer of National Science Day Celebration 2023

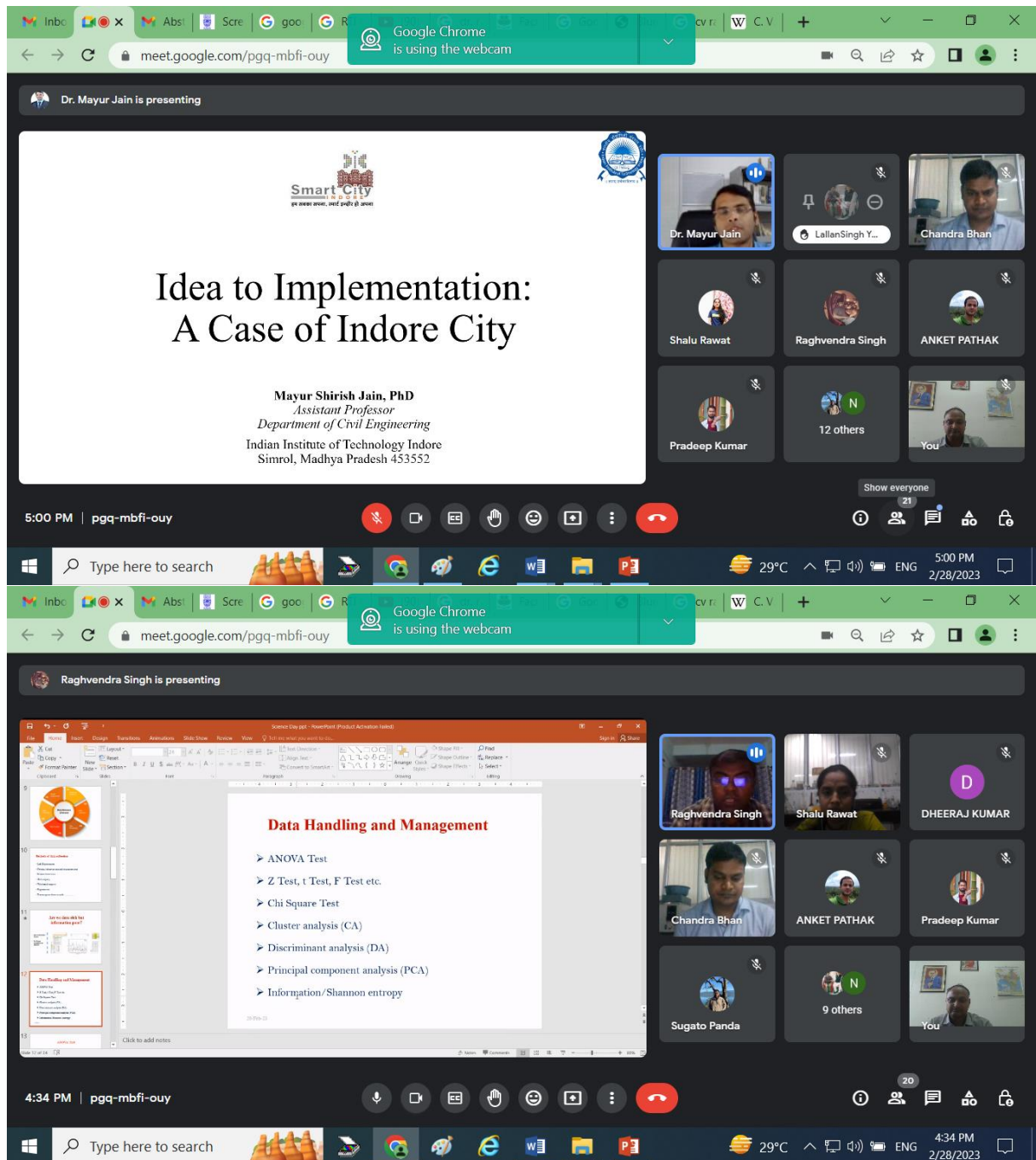


Plate 13: Screen shot of Participants and Speakers



Plate 14. Award distribution ceremony to the participants for their best performance to save the Environment on National science Day-28th Feb 2022

4.7 PMSST Award-2022

PMSST is also promoting excellence and recognizing outstanding contributions made by the young scientists of the Indian institutes/Universities/other Government/Private Research institutes in the field of Environmental Science & Technology for their work done primarily in India during the last five years preceding the year of the Award.

- I. PMSST Young Scientist Awards-2022
- II. PMSST Woman Young Scientist Awards 2022
- III. PMSST Best Ph.D. Thesis Award 2022
- IV. PMSST Best Master Dissertation Award 2022

List of Awardees- 2022

PMSST Best Master's Dissertation Award 2022

- I. Shalu Rawat, Research Scholar, Department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India
- II. Naincy Sahu, Research Scholar, Dr. Ram Manohar Lohiya University, Ayodhya
- III. Mohmad Hussain, Babasaheb Bhimrao Ambedkar University, Lucknow, India
- IV. Mohd. Danish Kaleem, M.Sc. Student, Department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India
- V. Afree Zulfiqar, M.Sc. student, Department of Environmental Science, Bareilly College, Bareilly, U.P

PMSST Woman Young Scientist Awards-2022

- I. Dr. Anamika Agarwal, Assistant Professor, Department of Environmental Science, Bareilly College, Bareilly U.P., India

PMSST Best Ph.D. Thesis Award 2022

- I. Dr. Lata Verma, Alumni, Department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India



Plate 15. Award distribution to the participants

4.8 Plantation

About 50 fruit plants (Jamun, Bel, Amla, Guvava etc.) were planted in the Eldeco Shaurya Residential colony, Bijnor Road, Lucknow. Planation was done in the month of July, 2022.



Picture 16. Plantation drive held on July, 2022 in Eldeco Shaurya Residential Colony, Lucknow

5. Conclusion of report

- Promoted research in Science & Technology through publishing high quality articles in Journal of Applied Science, Innovation & Technology (JASIT) started by PMSST.
- Felicitated young scientist working in the field of Environmental Science & Engineering.
- Plantation of more than 100 plants at various places to protect the Environment.
- Distribution of study materials to needy children in Lucknow.
- Celebration of International Day of Yoga on June, 21st 2022 to promote the health of human being.
- Special lecture was organized on World Ozone Day on September 16, 2022 for awareness about harmful gases that are damaging ozone layer in the atmosphere.
- A scholarship program was started from January 2023 to promote young scientists studying in the various institute of India specially working in the field of Science and Technology.
- World Wetlands Day was celebrated along with Faculty members and M.Sc. Environmental Science students of BBA University, Lucknow on 2nd February, 2023 to protect the natural water bodies.
- A Webinar was organized on the occasion of National Science Day Feb. 28, 2023. In this occasion Dr. Raghvendra Singh (GLA University, Mathura) and Dr. Mayur Jain (IIT Indore) delivered special lectures on Conservation of Water bodies and Solid Waste Management.

Dr. Jiwan Singh
Treasurer and
Managing Trustee

Dr. Shikha
Secretary & Deputy
Managing Trustee

Mrs. Sarita Yadav
Chairperson