

DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR

Department of Chemistry

Under the aegis of
American Chemical Society International Students Chapter, DACN

Online Webinar on

“Soil Fertility and its Management”

Resource Person: Dr W. P. Badole

Date: 10th August 2021


REPORT

Department of Chemistry, Dr. Ambedkar College, conducted an online webinar entitled 'Soil Fertility & its Management' under the aegis of ACS (American Chemical Society) Intl. Student Chapter on 10th August 2021. This webinar aimed to highlight farm practices that can help to improve soil fertility of the farms, whilst also helping to improve environmental conditions and nutrients management. The guest speaker of this webinar was Dr. W. P. Badole, Professor and Head of Soil Science and Agriculture Chemistry section at the College of Agriculture, Nagpur, who has 30 yrs. of teaching and research experience in this field. The webinar was attended by Head of Chemistry Department and Faculty Advisor- ACS Intl. Student Chapter Dr. Mrs. Deepa Panhekar ma'am along with Team Supervisor Mrs. Trupti Sawant ma'am, Department Faculty members Dr. Ratnadeep Sawant Sir, Mr. Parag Panse Sir and students of B. Sc. and M.Sc. Chemistry. The webinar was hosted by Ms. Janki Paravadiya and the warm welcome of the guest speaker was done by Ms. Indrakshi Surpatne.


The key point which were took away from the entire session led by Dr. W. P. Badole sir included-

- Regular soil analysis and interpretation, soil's physical properties, how to assess soil pH and managing P and K indices
- Soil fertility and Cation exchange capacity
- Importance of soil fertility and its management
- What controls net mineralisation of N
- Crop nutrients calculator
- Basic soil fertility and testing
- Nitrogen cycle fundamentals points
 - N for small grains, pulses, and oil-seeds
- Micronutrient management
- Sustainable nutrient management (leaching, soil acidification, soil health, etc.)

The webinar was followed by a question and answer round where participants asked their queries to the guest speaker. This webinar proved to be a great opportunity to learn important things about soil fertility under the experienced Guest speaker. Anushka Chinchmalatpure proposed a vote of thanks. Anuj Jain, Anisha Rokade, Himanshu Bathav, Himanshu Dhawade, Ritu Patle, Vrushali Khadatkhar, Srushti Wandhare, Anushka Chinchmalatpure, Ankita Patel, Swarnima Burande, Sneha Burse, Ankita Khonde, Shriya Thakre and others worked hard for the success of this webinar.



American Chemical Society (ACS)
INTL. Student Chapter
 Dr. Ambedkar College, Deeksha Bhoomi, Nagpur




7 August, 2021.

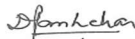
American Chemical Society International Student Chapter has organized a Guest Lecture on **"Soil Fertility and its Management"** on **10th August 2021** at 12:00 pm. Resource person is **Dr. W. P. Badole**, Head, Dept. of Soil Science and Agricultural Chemistry, College of Agriculture, Nagpur, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

All ACS student members are requested to attend the webinar.

Link of the webinar will be provided one day before.



Himanshu Bathav,
Secretary, ACS Chapter DACN.



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Image 1: Notice for the Webinar

Image 2 & 3: ACS Team Members, Faculty Members along with the Students Participated in this webinar