

**Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur**

**DEPARTMENT OF BOTANY :**

**REPORTS : SESSION 2023-24**

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**INNAGURATION OF BOTANICAL SOCIETY**

**GUEST LECTURE BY: DR. N.M. DONGARWAR, PROF. & HEAD, PGTD BOTANY RTM NAGPUR**

**Dt. 28-10-2023**

The BOTANICAL SOCIETY was inaugurated at the hands of **DR. N.M. DONGARWAR, PROF. & HEAD, PGTD BOTANY RTM NAGPUR**. The office bearers of Botanical Society for the session 2023-2024 are President : Mr. Ayush Bhairam (M.Sc. Sem-III), Vice-President : Miss. Pratiksha Chandel (M.Sc. Sem-I), Secretary : Mr. Prakash Sahu (B.Sc. Sem -V), Deputy Secretary : Miss. Madiha Afreen (B.Sc. Sem - III), Treasurer : Miss. Muskan Bikhani (B.Sc. Sem - I).

Prof. Dongarwar delivered his talk on “Are Plants Intelligent?” Dr. Dongarwar explained the importance of Green Club, conservation of natural resources, conservation of water, plant water relations and inelegancy of plants. For this event many students from Undergraduate and Post Graduate departments were present. To grace the occasion Officiating Principal Dr. V.M. Pendsey, Vice Principal Dr. Tewani, Dr. Shinkhede along with other staff members were prominently present. The Green Club faculty coordinator Dr.Rajkumar Khapekar conducted the program and also proposed vote of thanks.



**Dr. Dongarwar Delivering his talk**

## **PARTICIPATIVE LEARNING BY STUDENTS**

Participative learning activity was conducted for the students by engaging them in chart making on curriculum based topics. Students enthusiastically participated in the activity and prepared well described and labeled charts on various topics. Students worked hard and convert all the charts into Quick Response Code (QR Code). With the help of smart phones, students can scan QR code and all the information will be available at their fingertips. Students like this activity very much. It is easy for them to have charts and posters at their fingertips for learning and discussion.



**Students engaged in participative learning**

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## **WORKSHOP ON FIELD TECHNIQUE IN ENVIRONMENTAL IMPACT ASSESSMENT**

P.G. department of Botany D.R.B. Sindhu Mahavidyalaya had organized one day workshop on “Field Techniques in Environmental Impact Assessment” on March 16 2024 especially for P.G. students of Botany and Zoology. Dr. Sameer Deshpande were the guest speaker for the same. He stated that Environmental impact assessment is gaining importance in today’s industrialized world and keeping environment pollution free is the utmost task of today’s era. Further Dr. Deshpande explained with the help of proper EIA field technique knowledge we can achieve the goal of Sustainable Development. He explained various EIA field

techniques in a very lucid manner. His presence and wise words helped magnify our cause in the best possible way. His talk was a huge success. Many students were benefited by his presentation and it was very well reflected in question & answer session. Organizing secretary for the workshop was Dr. R.R. Khapekar, Professor and head Department of Botany. Dr. Sandeep Hate, Dr. Prachi Lambat and Dr. Megha Bhambri worked hard for the success of the workshop.



**Dr. Sameer Deshpande Delivering his presentation**

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## LECTURE ON PERSONALITY DEVELOPMENT

Personality development is an ongoing process of development that occurs in every individual makes them different from one another. Personality development happens at every stage in life starting from infant to adolescence. It goes beyond physical aspects and reflects how one thinks, behaves, and interacts with the world around them. For students, developing a strong and appealing personality is crucial, as it can significantly impact their academic success, future career prospects and personal relationship. Keeping all these in mind an Power Point Presentation was organized by Department of botany for all the students on March 05, 2024. The presentation was delivered by Dr.Rajkumar Khapekar, Professor & Head, Department of Botany. F

His motivational presentation was based on "ALWAYS BE HOPEFUL". His lecture was appreciated by 100s of U.G. & P.G. students.



**Dr.RAJKUMAR KHAPEKAR DELIVERING HIS LECTURE**

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### **VISIT TO CSIR - NEERI SMRUTI VAN**

A visit to NEERI Smruti, Nagpur was arranged by Department of Botany on 15-03-2024. 80 U.G. & P.G. students of department of Botany had taken benefit of this visit. NEERI Smruti Van is unique of its own kind of medicinal garden planted in CSIR- NEERI premises. In this Smruti Van various kinds of medicinally important plants and even some rare plants are also growing properly. Some of the important plants in this Smruti Van is *Costus speciosus*, *Adathoda vasaka*, *Mimosops*, *Mentha*, *Piper longum* etc. Many bamboo varieties were also planted and maintained properly. Students also visited Miyawaki plantation site in the same premises and learn how to develop such type of plantation. Dr. Lal Sing, Senior scientist of NEERI explained the plantation process and gave information about medicinal plants. The students were escorted by staff members Dr. Rajkumar Khapekar, Dr. Sandeep Hate, Dr. Prachi Lambat, Dr. Megha Bhambri, Mr. Paresh Ninave and Miss. Fouziya Ahmed were prominently present during this visit.



**Dr. Lal Sing, Senior Scientist CSIR-NEERI giving information about medicinal plants**

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## ACHIEVEMENTS OF STAFF

### Dr. RAJKUMAR R. KHAPEKAR (PROFESSOR & HEAD, DEPARTMENT OF BOTANY)



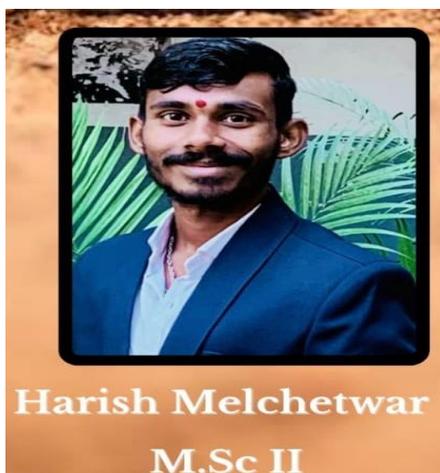
- 1) Dr. Rajkumar R. Khapekar is appointed as Subject Committee Member of Maharashtra State Bureau of Textbook Production and Curriculum Research “BALBHARTI”, Pune for subject Environment Education and Water Security for the Class 11<sup>th</sup> & 12<sup>th</sup> (Maharashtra State Board)
  - 2) Canara Bank CSR project is sanctioned to Dr.R.R. Khapekar for Plant Tissue Culture Room.
  - 3) In R.T.M. Nagpur University Centenary Lecture Series Dr. Khapekar has delivered two lectures at P.W.S. College and Gundawar College, Nagpur.
  - 4) As a Keynote Speaker/Resource Person/ Judge etc. he delivered lectures at International Conference “Environmental Challenges in Global Scenario” at Dr. Ambedkar College Chandrapur, National Conference “Wetland Conservation” at N.S. Science and Arts College Bhadravati, Mohata College of Science Nagpur, Nutan Aadarsh College Umred, Dr.S.C. Gulhane Prerna College Nagpur etc.
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**Dr. SANDEEP G. HATE (ASSISTANT PROFESSOR ,DEPARTMENT OF BOTANY)**



- 1) Appointed as a Expert Member for Biodiversity Register by Office of the Deputy Conservator of Forest, Nagpur Division, Nagpur
  - 2) Project sanctioned by R.T.M. Nagpur University Nagpur entitled “Technique for cultivation of *Trapa natans* based on traditional cultivation practices: A pilot project”
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**ACHIEVEMENTS OF STUDENT**



Mr. Harish Melchetwar a student of M.Sc. (Botany) have been selected for ALL INDIA INTER UNIVERSITY SOFT BALL tournament to be held at Bengaluru.