



PES MODERN COLLEGE OF PHARMACY
(NBA Accredited) (FOR LADIES)



Approved by AICTE, New Delhi (F.No.06/07/MS/PHARMA/2004/047, DTE,Mumbai (2/NGC/2004/342)
Government of Maharashtra No. TEM/2004(235/04) TE-1, Pharmacy Council of India (32-347/2012-PC),
Permanently affiliated to Savitribal Phule Pune University, ID No. PU/PN/Pharmacy/200/2004

Prof. Dr. S. N. Dhole
M. Pharm., Ph. D.
Principal

PARENT SOCIETY :- PROGRESSIVE EDUCATION SOCIETY

Prof. Dr. G. R. Ekbote,
(M.S., M.N.A.M.S.) Chairman,
Business Council P.E. Society, Pune

Date: 12/02/2024

Report of Social Activity

PES Modern College of Pharmacy (for ladies), Moshi have organized social activity at Mauli Krupa Anathashram on 10/02/2024 (Saturday).

We went to the **Mauli Krupa Anathashram** with our students. We visited there with the motto of measuring the **BODY MASS INDEX** of the Orphanage Children. And to know about our Pharmacy Profession.

It was great pleasure to have interaction with the children's. We started the activity with our Introduction and student of FYDPharm Vaishnavi Chavhan has given the basic information about the social activity.

From student's side Ms. Shivani Swami has given the basic information of the BMI and how to overcome the low BMI.

Then our student's volunteers started measuring the height and weight of the children's and prepared the data to calculate the BMI. Then after measuring the BMI we told them to have good healthy food and do exercise daily and be fit with mind and their physic.

Our student volunteers played games with the children's they had a great fun. Our students also enjoyed a lot.



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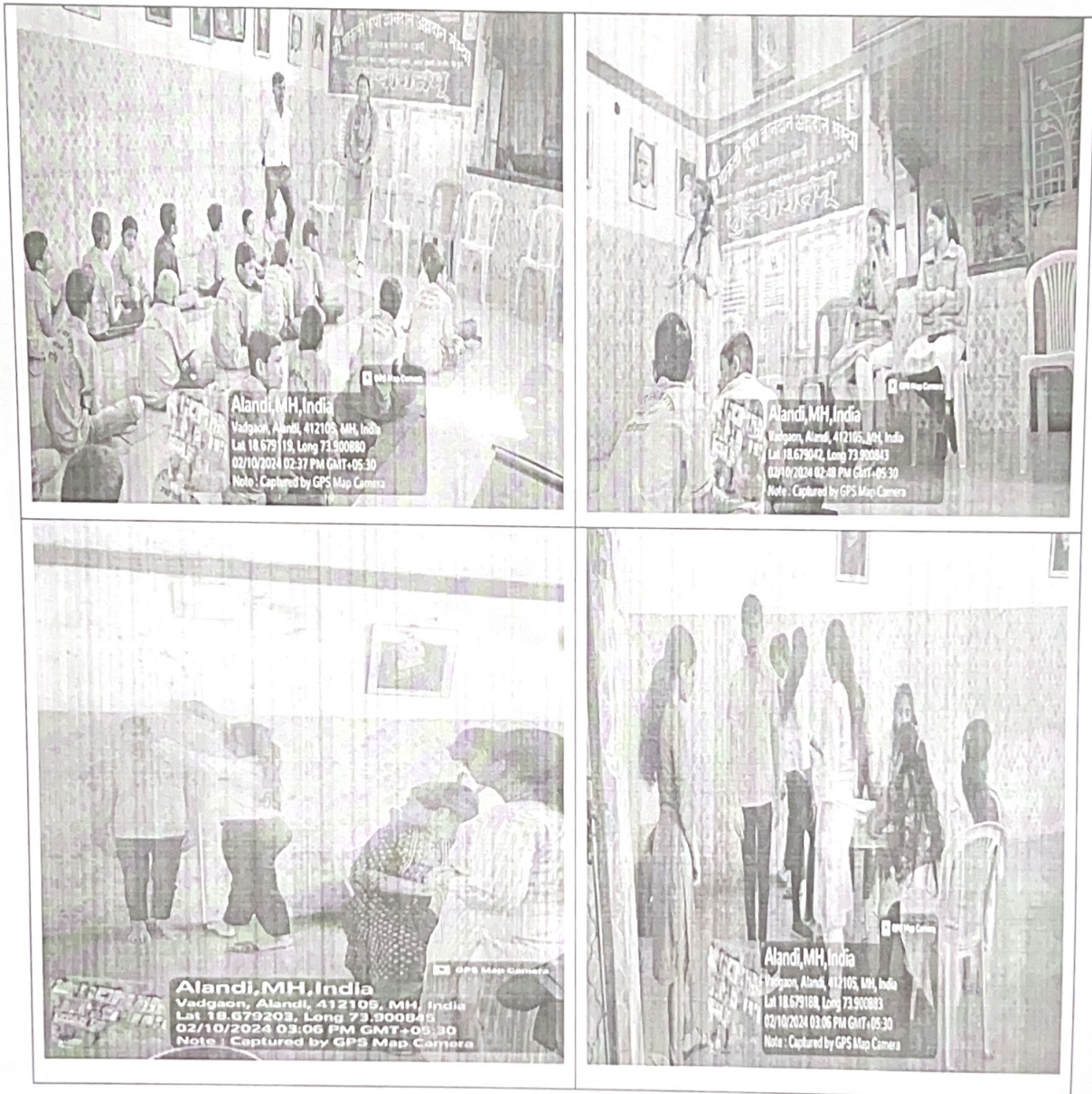
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Some Glimpses of the social activity and interaction with their students.





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Ms. L.K.Raut also elaborate the importance of pharmacy profession and course. What efforts will require to score good marks for this course. How they can go for higher education. She also motivate them to become successful in your life, be good human being, do respect and give respect.

At last we ended our activity with distributing the stationary and snacks to the children's. And Concluded the program.

Extracurricular Incharge

HOD

PRINCIPAL
PES Modern College of Pharmacy
(for Ladies)
Borhadewadi, At/Post Moshi
Tal. Haveli, Dist. Pune - 412 105





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Summary Report on
Field Visit To Home for Persons with Disabilities
At Patashibai Ratanchand Manav Kalyan Trust Andhashala

Co ordinator: Mrs. Sonawane P.D., Ms. Shinde M.B.

Organized by: PES Modern college of Pharmacy for Ladies, Moshi

Conducted on: 05/04/2023

Wednesday, 05th April 2023 ; Student of D. Pharmacy of PES Modern College of Pharmacy for ladies along with faculty members visited Patashibai Ratanchand Manav Kalyan Trust Andhashala at Panjarpole, Bhosari, Pune Patashibai Ratanchand Manav Kalyan Trust Andhashala is School and home for Blind students. The location of Patashibai Ratanchand Manav Kalyan Trust is Bhosari, Pune. It is a Other Board school, with a team of 8 dedicated and professional faculties, which are here to ensure that the children get the most from their education.

In 1987, Patashibai Ratanchand Manav Kalyan Trust was launched. Marathi is the primary medium of instruction for this school and the student teacher ratio is 8:1. The school takes pride of its excellent teaching methodology. The school provides education to students from class 1 to 10. The current student strength of the school is approximately 66. The library in this school has 1200 books. The school has given exceptional results in the academic sphere and its students have excelled in extra co-curricular activities too. We reached at around 11:00 am.

The children of Andhashala were very pleasantly excited to receive the members. The students greeted us with great enthusiasm. We also met the caretaker. While interacting with the caretaker, we got to know the history of the school how it was established. After that student volunteers distributed the snacks to the children. The students interacted with the children. They also engaged them with various games and fun activities. All the children looked so excited and joyful. On this occasion faculty members handed over the stationary for students as a token of love which was collected by the student volunteers from the students and staff of the college for this noble cause to the caretaker. The team spent an about three hours with the children before saying goodbye to them.

Mrs. Sonawane P.D.

Coordinator



Bsona



Bharat



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A Visit Report
On
Sewage Treatment Plant

**Address: Modern College of Pharmacy (for ladies) Moshi,
Dehu Alandi Road, Borhade wasti, Moshi, Pune-412105**

Date Of visit: - 27/12/ 2023

Resource Person: Mr Nitin Patil





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Introduction:-

"Sewage treatment is the process of removing contaminants from waste water and household sewage both efficient and domestic. It include both physical and chemical process and also include biological process to remove physical, Chemical and biological contaminants.

Objective of the visit:

To study the various units of Sewage treatment plant and to know various chemical and biological process used for treatment of sewage waste water.

Description:-

The plant collects water which is contaminated chemically or physically or by any other source coming from Residential zone. After collecting sewage water by pumping from the places they are passed through screening chamber and all the solid particles in water removed either by mechanically or by manually. The following: Treatments are given to the waste water.

Various process of sewage treatment plant

- Physical process
- Biological process
- Chemical process

1. Physical process:

The physical treatment is divided into 2 types.

Preliminary physical process

Primary physical process



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In this process preliminary treatment is given for Sewage water which is collected in inlet tank by pumping. Then after screening done with 6mm Screen In this plant mechanical screening and one manual screening are used. After this gitting is done by using 4 chambers.

Gitting is to settle the solids and after particle having greater density which is settle at down or bottom.

2. Biological process:

Biological treatment is mainly divided into 2 parts:-

- Anaerobic process
- Aerobic process

Anaerobic process:

The sewage water is called as UASB reactor from collection chamber by distribution pipe. It having 60 ASB reactor tank by this water collected from bottom at very low speed.

Aerobic process:

After the anaerobic the water goes to aerobic treatment increase dissolve O₂ in water through which water is circulated from top to bottom so that increase the O₂ in water.

3. Chemical process:

In chemical treatment only chlorination is done. Due to chlorination water is free from bacteria and other pathogenic bacteria.

Units of Sewage treatment plant:-

- ✚ Inlet Chamber
- ✚ Grit Chamber
- ✚ UASB Reactor
- ✚ Aeration Tank
- ✚ Drying Bed sludge.

This all are the various units of sewage treatment plants.



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Grit chamber are basin to remove the inorganic particles to prevent damage to the plant pumps, and to prevent there accumulation in sludge digester.

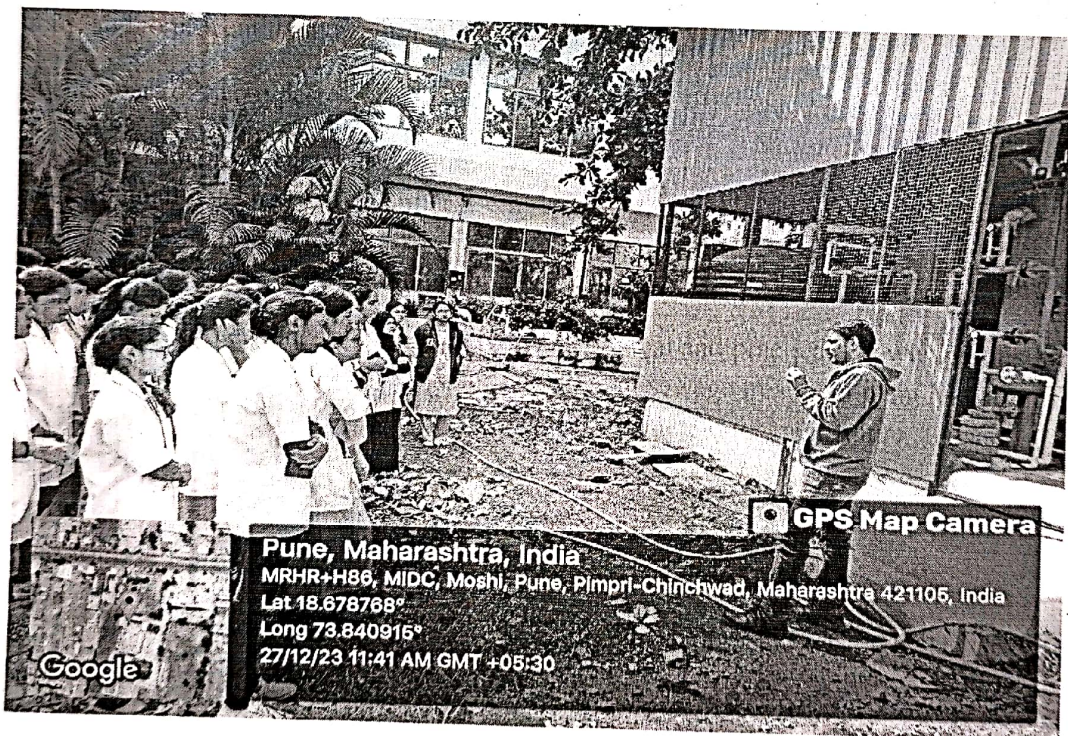
Grit chambers of two types:

- ✦ Mechanically cleaned grit chamber.
- ✦ Manually cleaned grit chamber

Conclusion:

This visit helped to enhance their collectively, theoretical and practical knowledge of sewage treatment plant. So that student understands detailed of sewage treatment plant and also about process which are done. This Visit is really helpful for student for their future studies.

Snapshots:





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Abhinder
Sub In charge

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HOD
Dr. M.C. Upadhye

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