

Bharati Vidyapeeth (Deemed to be University)

Homoeopathic Medical College

Katraj Dhankawadi, Pune - 43.

Department of Pharmacy

Educational Tour for 1st B.H.M.S. - Homoeopathic Pharmacy

Number of students: 65.

Year: I B.H.M.S.

Name of the Teachers accompanying students:

Dr. Mrs. Manisha P. Gajendragadkar

Dr. Chetan H. Shinde

Dr. Mrs. Rima Kumar

Mr. S. S. Suryavanshi

Mr. Suhas Devkule

OVERVIEW:

- Tour is about giving practical knowledge about manufacturing and quality control of Homoeopathy medicines on large scale by manufacturing units.
- Prerequisites-What knowledge the students must know before going for tour
- Standardization of raw material, vehicle and finished products.
- Various method of preparation of Homoeopathic medicines.
It is organized by B.V.D.U.H.M.C. Dept. of Homoeopathic Pharmacy for a period of a week. Approaches to teaching/learning and assessment:
- Theoretical and Practical knowledge in the college as a prerequisite.
- In person visualization of the same at the said unit.
- Assessment is done on the basis of visit report and tutorial.

AIM AND OBJECTIVES

1. To provide the basic knowledge of practical of pharmacy by visiting Pharmaceutical Labs & HPL.
2. To inspire students for their involvement in study of pharmacy and the procedures of procuring, preparing, dispensation of homoeopathic medicines.
3. To provide the platform for evaluation of their skill and knowledge by interactive methodology.
4. To infuse confidence amongst students about homoeopathy, its future and their career.
5. To provide interaction between students, induce decision making skills and to motivate them for better vision about their future as entrepreneur.
6. To improve Cognitive skills (thinking and analysis).
7. To improve Communication skills (personal and academic).

LEARNING OUTCOMES

1. To be more than a wish list objectives, need to be realistic pragmatic,

understandable and achievable.

2. The focus should be on what students will be able to do or how they will show that they know and how this will help their career and individual growth.
3. Knowledge we want the student to have by the visit.
4. Skills we want the students to master by the end of the course.
5. Attitudes we want students to demonstrate at the end of the course. It shall be essential of the Journal on the subject & viva-voce can be put in respect of it.

RESOURCES

1. Essential and / recommended text books.
2. Journals and other readings.
3. Equipment and apparatus.
4. Internet various sites.

SITE VISIT SUMMARY **VISIT of SITE I**

SITE: Similia Homeo Laboratory PVT. LTD. located in Malikampeedika, Kerala.

Date of Site Visit: 16/01/2024

Number of Students and Staff: 65 + 05

Guides/Instructors:

1. Dr. Bindu Ramesh DHMS (Manufacturing Chemist)
2. Dr. Noreen Saneesh BHMS (Manufacturing Chemist)
3. Mrs. Leena Baby B. Pharm Chief Chemist (Analysis)
4. Mrs. Silda Peter. B. Pharm Chemist (Analysis)

Narrative Summary

1. Introduction

a. Type of Laboratory/Industry: Private.

b. Type of Products: All preparation of Homoeopathic Medicines and Quality check of Raw and finished Products.

c. Any specialty (R & D)

- Quality control
- Preparation of mother tincture
- Potentization section
- Preparation of tablets and blister packing of it
- Preparation of Globules
- Labeling and packing section
- Water purification plant
- Medicinal plant garden
- Storage of raw drugs
- Storage of prepared medicine and record maintaining

II. Programs and Implementation

a. Process of conduction of the program

Students were divided in 3 different batches and were guided by the respective heads for the entire manufacturing unit visit. They provided their own Apron, Foot-cover and Cap set to each student to avoid contamination.

Similia Homoeo started its operation in 1986 and grew to become one of the leading manufacturers of homeopathic medicines in the country. Thus Similia have a long tradition of 37 years, homeopaths in India have used and continue to use Similia medicines and have acknowledged their trust in Similia's quality. Similia is also among the few to maintain global standards of manufacturing in the industry. It is the first ISO 9001-2015 and GMP Certified homeo medicine manufacturing company in South India.

b. The Different Sections of Homeopathic Manufactory are :-

- Mother Tincture and Mother Solution Section
- Potentisation Section
- Containers and Closures Section
- Trituration, Tableting, Pills, Globules making Section
- Syrups and other Section
- Ointment and Lotions Section
- Ophthalmic Preparation Section

c. Similia India:

Product Innovation: The R&D team showcased the process of developing new homeopathic products, from ideation to market launch.

Stability Studies: We observed stability studies being carried out to determine the shelf life and storage conditions of homeopathic medicines.

d. How the Visit Helped in Correlation with Topics Studied in Theory

The visit provided practical insights into the theoretical concepts learned in class. Observing the real-world application of formulation development, quality control, and clinical research helped in solidifying our understanding of these processes. It also highlighted the importance of rigorous scientific methods and adherence to regulatory standards in the manufacturing of homeopathic medicines.

e. Conclusion

The field visit to the R&D departments of Similia India was highly educational and provided valuable insights into the research and development activities within the homeopathic manufacturing industry. We gained a deeper understanding of the processes involved in creating safe and effective homeopathic medicines, the importance of rigorous quality control, and the scientific research backing homeopathic practices. This visit has enhanced our appreciation for the role of R&D in the advancement of homeopathy and its contribution to healthcare.

g. Details of discussions, notes, photograph, research data etc.



Students, faculties and Similia officers

VISIT of SITE II

SITE: HOMCO, Kerala.

Date of Site Visit: 17/01/2024

Number of Students and Staff: 65 +05

Guide/Instructor: Concerned Departmental Officers

Narrative Summary

1. Introduction

a. Type of Laboratory/Industry: State Government of Kerala.

The Instructors at the Manufactory were:-

Dr. Preetha

Dr. Remya

Dr. Vineetha

(The Quality Control Department)

Second Homoeopathic Manufactory was THE KERALA STATE HOMEOPATHIC CO-OPERATIVE PHARMACY LTD. (HOMCO), Alappuzha.

The Kerala State Homoeopathic Co-operative Pharmacy (HOMCO) was registered in 1974 as the Kerala State Homeopathic Co-operative Pharmacy Ltd. The society began functioning in 1975 and laid the foundation stone for its first factory building in Alappuzha in 1977. The factory was commissioned in 1978 and HOMCO products were launched to the open market in 1980. The company has since expanded, with the inauguration of a second factory building in 1989 and the establishment of separate divisions for quality control and R&D in 2001.

The Different Sections of Homoeopathic Manufactory are:-

-Mother Tincture and Mother Solution Section

-Potentisation Section

-Containers and Closures Section

-Trituration, Tableting, Pills, Globules making Section

- Syrups and other Section

- Ointment and Lotions Section
- Ophthalmic Preparation Section

HOMCO:

Formulation Development: The R & D department demonstrated how new homeopathic formulations are developed, including the selection of raw materials and preparation methods.

Quality Control Testing: We observed various quality control tests conducted to ensure the purity and potency of the homeopathic medicines.

How the Visit Helped in Correlation with Topics Studied in Theory

The visit provided practical insights into the theoretical concepts learned in class. Observing the real-world application of formulation development, quality control, and clinical research helped in solidifying our understanding of these processes. It also highlighted the importance of rigorous scientific methods and adherence to regulatory standards in the manufacturing of homeopathic medicines.

Conclusion

The field visit to the R&D departments of HOMCO was highly educational and provided valuable insights into the research and development activities within the homeopathic manufacturing industry. We gained a deeper understanding of the processes involved in creating safe and effective homeopathic medicines, the importance of rigorous quality control, and the scientific research backing homeopathic practices. This visit has enhanced our appreciation for the role of R&D in the advancement of homeopathy and its contribution to healthcare.



A group photograph of the students, faculties and HOMCO Director & Staff

VISIT of SITE III

SITE: CCRH

Date of Site Visit: 17/01/2024

Number of Students and Staff: 65+05

Guides/Instructors: Concerned Departmental Officers -

- Dr. Xinix
- Dr. Bhuvaneshwari

Narrative Summary

1. Introduction

a. Type of Laboratory/Industry: Government

Third visit was National Homeopathy Research Institute in Mental Health, CCRH in Kottayam.

The Central Council for Research in Homoeopathy (CCRH), formally constituted on 30th March, 1978, was set up as an autonomous organization and registered under the Societies Registration Act XXI, 1860. CCRH is fully funded/controlled by the Ministry of AYUSH.

CCRH:

Clinical Research: We were briefed on clinical trials being conducted to evaluate the effectiveness of homeopathic treatments for different ailments.

Data Analysis: The researchers explained how data from clinical trials is analyzed to draw meaningful conclusions about the efficacy of homeopathic remedies.

How the Visit Helped in Correlation with Topics Studied in Theory

The visit provided practical insights into the theoretical concepts learned in class. Observing the real-world application of formulation development, quality control, and clinical research helped in solidifying our understanding of these processes. It also highlighted the importance of rigorous scientific methods and adherence to regulatory standards in the manufacturing of homeopathic medicines.

Conclusion

The field visit to the R&D departments of CCRH was highly educational and provided valuable insights into the research and development activities within the homeopathic manufacturing industry. We gained a deeper understanding of the processes involved in creating safe and effective homeopathic medicines, the importance of rigorous quality control, and the scientific research backing homeopathic practices. This visit has enhanced our appreciation for the role of R&D in the advancement of homeopathy and its contribution to healthcare.

g. Details of discussions, notes, photograph, research data etc.



Students, faculties and CCRH officials

VISIT RECORD

*** Places visited with photographs –**

Besides above sites we also visited Tekkadi/Periyar, Munnar.

Programs organized during visit

Sightseeing at various above mentioned places and a bonfire at Munnar.

ASSIGNMENT / PROJECT REPORT

1. Description of Assignment:

2. Due date of Assignment:

3. Preparation method for the project report

- **Purpose**
- **Schedule**
- **Places visited**
- **Details of Laboratories visited**
- **Summary of achievements/ learnings.**

Dr. Mrs. Gajendragadkar M. P.

In-charge Dept. of Hom. Pharmacy