



INDUSTRIAL VISIT REPORT

OF

GANDHI NATHA RANGJI COLLEGE OF

D.PHARMACY,

SOLAPUR

F.Y.D.PHARMACY

(A. Y. 2014-15)

(FROM 22ND-24TH JANUARY 2015)

Gandhi Natha Rangji College of D.Pharmacy, Solapur organised 2 days Industrial visit to SG Phyto Pharma Pvt. Kolhapur for F.Y.D.Pharmacy Students.

The visit was organized with the prior permission and guidance of Hon. Principal Prof. S. V. Kilaje, Prof. G.C. Lad along with the staff members, had taken hard efforts and initiative under the continuous guidance of Prof. S. V. Kilaje & Prof. G.C. Lad, which made this visit a grand success.

Prof. G.C. Lad, Prof. A. R. Gote, Prof. P. B. Awate & Miss. Pranjali Kulkarni accompanied with this industrial visit.

Total 53 students of F.Y.D.Pharmacy Students along with 4 faculty members have joined this industrial visit.

The detail of journey is as follows:-

1. We started travelling from college towards Kolhapur at 11.30 pm on 22nd January 2015.
2. We reached to Kolhapur at early morning 4.45 am.
3. After getting fresh, we had taken breakfast & started travelling towards SG Phyto Pharma Pvt. Ltd. MIDC Gokul Shirgaon, Kolhapur.
4. At 1.00 pm we had a lunch.
5. At 10.00 am, we reached at SG Phyto Pharma Pvt.Ltd
6. Inspection of Various Departments of company.
7. At 4.00 pm we visited Shree Chhatrapati Shahu Museum, Kolhapur.
8. At 7.00 pm Visit to Rankala Choupati, Kolhapur.
9. At 8.30 pm, we visited famous Shri Mahalaxami Temple.
10. At 10.00 pm we had a dinner.
11. Next day morning 6.00 am we had started travelled towards Shree Jyotiba Temple, Kolhapur .
12. After taking the lords blessings, we started our journey for Panhala fort at 8.00 am.
13. Observations of various locations on fort.

14. At 4.00 am visit to Narsobachi Wadi (Narsobawadi) Sri Kshetra.

15. After visiting Narsobachi Wadi (Narsobawadi) Sri Kshetra, we started our journey towards Solapur.

16. We arrived at 11.30 pm t at college campus on 24th January 2015.

The two days visit was organized with prior permission of SG Phyto Pharma Pvt. Ltd. MIDC Gokul Shirgaon, Kolhapur.

SG Phyto Pharma Pvt.Ltd:-

About:-

S. G. Phyto Pharma is located at Kolhapur, a historic city, situated on the plates of Western Ghats, 400 Kilometres away from Mumbai. Being adjacent to the Konkan area, rich in natural bounty company enjoys the unique advantage of getting the genuine & fresh plant materials.

Phyto Pharma has unflinching faith in religiously adhering to wisdom & practices advocate by Aurveda. At the same time, the company believes in modernizing the process, developing the pharmaceutical culture and system as advocated by G.M.P.

As a result, S. G. Phyto Pharma is an ISO 9001 – 2008 company certified by the American Quality Assessors Agency.

The Ayurvedic medicines of S. G. Phyto Pharma manufactured in the light and spirit of the traditional heritage has won the confidence of the modern world. With this asset to its credit, on completion of the Silver Jubilee year of its inception, Phyto Pharma is now planning to go global for popularizing the oriental system of Ayurveda, for the benefit of the ailing humanity all over the world.

Various Products of SG Phyto Pharma Pvt.Ltd:-

1. Arnopen capsules
2. Arnopen liniment
3. Arnopen Ointment
4. Boostex Capsules
5. Garcini capsules
6. Mebarid capsule
7. Mebarid syrup
8. Memorin syrup
9. Me-cal tablet
10. Sunarin capsules
11. Nilsin capsule
12. Ossigen capsule
13. Stonvil syrup
14. Palsineuron capsule

Contact Details:-

B-53/D-21, M.I.D.C., Gokul Shirgaon, Kolhapur 416237. Maharashtra. India.

Office: 0231 2691520 Factory B-53: (Tele fax) 0231 2672528

Factory D-21: 0231 2671454

Visiting Areas –

1. Warehouse:-

A warehouse is a place where the raw material is stored. The height of this warehouse is approx. 50 feet. Fifteen pulleys are placed in the warehouse whose functions are to transfer the raw material from one place to another. It is important because the drug is in large quantity and it is very important to store such a large quantity of drug in a big room.

2. QC Department:-

The QC Department tests raw materials before they are used as well as in-process materials at key points in the production process. The finished product is tested to determine whether it was made according to the needs of GMP and meets all of its specifications. They also monitor the stability of product, making sure that it meets all specifications during shelf-life.

3. Tablet punching machine:-

Tablets are made by compressing a formulation containing a drug or drugs with excipients on stamping machines called Punching Machines having punches as the basic component which are used for compressing the granulation within the dies. These punches control the process of filling, compression and ejection.

4. Tablet granulation machine

Pharmaceutical granulators are used for producing uniform dense granules they are universally accepted within the pharmaceutical industry for wet granulation and dry mixing of particles/ ingredients. Granulators ensure fast, efficient and uniform mixing or granulation of raw material/particles. Over sized granules are broken down into a uniform size to ensure better blending.

5. Strip packaging machine:-

The product is fed through hopper and feeding device flows to the heat sealing roller cavities, the desired laminated foil from the two rollers is drawn on the sealing rollers which packs and seals the products continuously. The sealed strip passes through the vertical and horizontal cutters to get desired strip sizes. This machine is extensively used to pack tablets, capsules, caplets, coated tablets, soft gelatine capsules.

6. Blister packaging machine

It is a form of tamper resistant packaging that provides excellent environmental protection and the product has more aesthetic value.

7. Dissolution apparatus :-

It is used to study the in-vitro rate of dissolution of a drug. The rate of drug absorption for acidic drug moieties that are absorbed high in the GI tract is often determined by the rate of drug dissolution by the tablet by dissolution apparatus.

8. HPLC

In HPLC system pressure is applied to the column, forcing the mobile phase through at much higher rate. The pressure is applied using a pumping system. The action of pump is critical, since it must not pulsate and mix up the sample being separated with the solvent, causing it to lose resolution.

9. GLC:-

In gas-liquid chromatography (GLC), the mobile phase is a gas and the stationary phase is a thin layer of a non-volatile liquid bound to a solid support. It is based upon the partition between the gas and an immobile liquid phase.

Visit to SG Phyto Pharma Pvt. Ltd.



Visit to Shree Jyotiba Temple, Kolhapur.



1. Visit

Interaction with students:-

It was a good experience, which has provided exposure to the first year students with industrial life.

The students are benefited in terms of the technical details provided by the company & Various Career Opportunities in Pharma industries.

The students of F.Y.D.Pharmacy and all the 4 staff members have enjoyed the technical endeavour at SG Phyto Pharma Pvt., Kolhapur organizations a lot. The company persons also appreciated our students after the question answer sessions. Visit seems to be very informative and gives good learning experience.

It was the unique example of 'EDUTAINMENT' i.e. Education & Entertainment.

Students were well mannered and disciplined throughout the Tour and no injury or anything bad happened during the industrial tour.

All the Staff members and Students are extremely thankful to honorable Principal, Officials at organizations who grant the permission of visiting their organization and guide the students.

Sr.No.	Name of Student
1.	/Awate Sonali Chandrakant
2.	Bansode Mahesh Sidram
3.	/Barkul Puja Ankushrao
4.	/Basate Arati Appasaheb
5.	Bhagyavant Vinayak Vishwanath
6.	/Bhimade Swati Rajesh
7.	Burbure Vishwa Sanjay
8.	Chadchankar Amit Vilas
9.	/Chopade Amruta Bhimrao
10.	/Dhasade Pranali Vikas
11.	Dhaygode Tushar Sanjay
12.	/Dontul Bhavna Chandrakant
13.	Dulange Omkar Anil
14.	Dulange Sumit Gangadhar
15.	/Dyavarkonda Ashwini Ashok
16.	/Gambhire Vaishali Channappa
17.	/Gandhi Ruchika Chandrashekhar
18.	Gayake Dnyaneshwar Ashok
19.	Hande Rajkumar Laxman
20.	Hiremath Anand Prakash
21.	Hogale Vitthal Madhukar
22.	Inamdar Md Ali Mushtaque
23.	/Jadhav Shital Ramesh
24.	Kalaburgi Vishal Mallinath
25.	/Kale Madhuri Rajendra
26.	Kalshetti Mahesh Vijaykumar
27.	/Kalyanshetti Shweta Shivyogi
28.	/Kankuntla Priyanka Raju
29.	/Kumbhar Shubhangi Rajshekhar
30.	Lokhande Pratik Prashant
31.	/Magar Pooja Hanmant
32.	/Mandolikar Shruti Shankar
33.	/Mankuskar Preeti Tulsidas
34.	Mudde Ganesh Ram
35.	/Mule Madhuri Anil
36.	Mulla Mahmud Gulab
37.	/Nagansure Ankita Mallinath

38.	/Nawale Vidya Basavraj
39.	/Patil Chaitali Bapurao
40.	Patil Shreyash Sangamesh
41.	/Patil Srushti Sanjay
42.	Pawar Akash Chandrakant
43.	/Phaniband Tabassum Bano Wazir Husain
44.	/Purude Anisha Laxmanrao
45.	/Rajmane Namrata Dattatraya
46.	Sasane Akash Revansidh
47.	Sawale Sourabh Nandkumar
48.	Shaikh Ajmir Mahamadso
49.	/Shaikh Shagufta Faiz Ahmed
50.	Shinde Mayur Mahesh
51.	/Sunchu Rajeshwari Venkatesh
52.	Teli Santosh Dhulappa
53.	/Upase Savita Shivasharan

Report Submitted By:-

1) Prof. G. C. Lad

Lecturer

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2) Prof. A. R. Gote

Lecturer

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