



Raniganj Girls' College

P.O. : Searsole Rajbari - 713358, Dist. Burdwan, West Bengal

Principal : ☎ (0341)-244-4069, Telefax : (0341)-244-9274, Office: (0341)-244-5280

email: raniganjgirlscollege@gmail.com, website: www.raniganjgirlscollege.org

(NAAC Accredited : B+)

Ref. No.

Date

Ref. No.

Date:

From,
Dr Chhabi De
Principal
Raniganj Girls' College

To,
Principal
Dolphin(PG) Institute of Bio Medical and Natural Sciences
Dehradun

Sub: Permission to undergo Industrial Visit and workshop

Dear Sir/Madam

I would like to inform you that Industrial visit cum workshop is an essential part of Microbiology Curriculum under Kazi Nazrul University, West Bengal.

So I shall be glad if you arrange an Industrial visit cum workshop in your esteemed organization for the students of Department of Microbiology of Raniganj Girls' College, Raniganj.

Hoping for a favorable response.

Yours sincerely

Chhabi De
22.4.19

Principal
Raniganj Girls College

Principal

Raniganj Girls' College
P.O. Searsole Rajbari-713358
Dist. Paschim Bardhaman, (W.B.)

Enclosed

- 1. List of Students (ANNEXURE-I)**
- 2. List of Faculty (ANNEXURE-I)**
- 3. List of College Staff (ANNEXURE-I)**



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ANNEXURE-I

LIST OF STUDENTS

SL NO	NAME OF THE STUDENT	SEMESTER
1	PUJA GHNATY	SEM VI
2	RITUPARNA AKHULI	SEM VI
3	GARGI MUKHERJEE	SEM VI
4	SNIGDHA CHATTERJEE	SEM VI
5	DIPPANITA SINGHA	SEM VI
6	SUSMITA LAYEK	SEM VI
7	MUKTA DAS	SEM VI
8	SIMRAN PADHA	SEM IV
9	ANUJA CHATTERJEE	SEM IV
10	ARPITA MUKHERJEE	SEM IV
11	SATABDI GORAI	SEM IV
12	SUSMITA GHORAI	SEM IV
13	SUNANDA GHOSAL	SEM IV
14	ANKITA DHIBAR	SEM II
15	SIMRAN KAUR	SEM II
16	MEGHNA DAS	SEM II

LIST OF FACULTY

1. ANSUMAN RAY +1
2. SUBHADIP MUKHERJEE

LIST OF COLLEGE STAFF

1. BARNALI SAHA (BISWAS)
2. RAHUL BHATTACHARYA
3. CHANDAN KUMAR MATI
4. SONTOSH CHATTERJEE

Chhabi De
22.4.19

Principal

Raniganj Girls College

Principal

Raniganj Girls' College
P.O.Searsole Rajbari-713358
Dist-Paschim Bardhaman,(W.B.)



Dolphin (P.G.) Institute of Biomedical & Natural Sciences

(Affiliated to H.N.B. Garhwal Central University, Srinagar; Approved by Government of Uttarakhand)

Recognised by UGC u/s 2(f)

Date : 23rd, April, 2019

To,

Dr. Chhabi De
Principal
Raniganj Girls' College
Raniganj-713358
West Bengal

Subject : Confirmation of Training and Industrial Visit of your students.

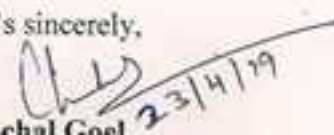
Sir,

This is with reference to your letter dated 22nd April, 2019 regarding Industrial visit and workshop for your students in this institute. We would be glad to have your students here in our institute for the same. The schedule dates and programme are given below:-

1. 20th, May 2019
Training on Fermentation Technology on ELISA TEST.
2. 21st, May 2019
Industrial visits in any two of the given Industries:-
 - OASIS laboratories
 - SUN CARE PHARMACEUTICALS
 - AVON BEAUTY PRODUCTS INDIA PVT. LTD.

Thanking you,

Your's sincerely,


Chanchal Goel

C.A.O.

Chief Administrative Officer

Dolphin (PG) Institute of Bio-Medical
& Natural Sciences

Manduwala, Dehradun (UK)

Address : V.P.O. Manduwala, Chakrata Road, Dehra Dun - 248 007 (Uttarakhand) India

Contact : +91-9927800045/ 46/ 47; Fax : 07505926660, E-mail : mail@dolphininstitute.in; Website : www.dolphininstitute.in

Industrial Visit Programme to SUNCARE Pharmaceuticals from 17th to 24th May 2019 of the Department of Microbiology, Raniganj Girls' college facilitated by Dolphin (PG) Institute of Bio Medical and Natural Sciences, Dehradun.



Acknowledgement

I convey my heartiest thanks to Dr.Chabbi De, Principal, Raniganj Girls'. College, Raniganj for giving me the chance to attend this "Industry Visit programme" and for his constant support and cooperation.

I express my sense of gratitude to our teachers Sri Ansuman Ray, and Sri Subhadip Mukherjee, Department Of Microbiology for their inspiring guidance and valuable help without which it would not have been possible to carry out this tour.

I am very thankful to Mr. Chanchal Goel, teacher of Dolphin(P.G) institute, Dehradun for helping us to arranging this Industrial Visit Programme.

I am very thankful to all of our, Non-teaching staff of our department and college for their constant support, cooperation and valuable inspiration.

Finally, I am deeply indebted to my friends for their cooperation and good wishes.

Date:17th May 2019

Place: Raniganj Girls'College, Raniganj

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AT SUNCARE PHARMACEUTICALS

SUNCARE PHARMACEUTICALS

About Company

We are a pharmaceutical manufacturing co. Making various drug formulations and nutraceutical products for other third party manufacture, self marketing and exports having two manufacturing facilities in the pollution free and scenic city dehradun.

CONTRACT MANUFACTURING:

Our focus on delivering quality products and customer service has attracted several notable pharma giants for whom we are doing contract manufacturing. With the support of our distinguished clientele we have made a mark as one of the leading contract manufacturing facilities in the country.

SUNCARE operates with an organizational network of skilled field personnel with the backing of an excellent marketing team. We have C&A agents in strategic locations in all major States to support our distribution network with a view to ensure maximum coverage.

COMPANY PROFILE

HELIOS PROVIDES THE BEST OPPORTUNITY TO HONE YOUR TALENT IN THE MOST COMPETITIVE BUSINESS ENVIRONMENT THAT HOLDS A BRIGHT FUTURE.

Helios is a fully integrated, global healthcare provider, with strengths all along the pharmaceutical value chain. With a core competence in the field of healthcare, Helios provides total healthcare solutions ranging from formulations, active pharmaceutical ingredients and animal healthcare products to wellness products.

At Helios, we believe in the power of talent and the value it brings with it to further the growth of the organization. We are always on the lookout for people who possess the dynamism and the willingness to make a difference. We tap every possible lead and source to add to our human capital.

Our Vision

We wish to strive for the best, gain utmost customer satisfaction, and provide a challenging environment which motivates our people to excel. Our dream is to transform Helios into a front-runner in the pharmaceutical sphere and achieve an unparalleled growth.

Our Values

We believe that Customer is King, customer's satisfaction by We strive to achieve. Providing the highest quality generating the excellent working environment for staff/workers.

Manufacturing

Suncare leverages state-of-art manufacturing facilities at Selaqui (Uttarakhand) conforming to WHO-GMP standards, to ensure quality products at all times. Quality, at Helios is a continuous journey, enhanced by superior technology. This modern plant is set over an area of 17000 sq. with a built up area of 5000 sq.. It conforms to revised Schedule M and W.H.O. GMP standards and the facility can be upgraded to US FDA norms in the future. This new plant is equipped to manufacture tablets, capsules, and ointments. The capacities are as under:

Dosage	Form Capacity/ month/ single shift
Tablet	600 lacs
Capsule	25 lacs
ointment	15 lacs

We have a well-equipped Quality Control / Quality Assurance department with sophisticated analytical instruments. Documentation such as SOPs, calibration and validation records are maintained assiduously and all documented procedures are strictly followed at all levels. An excellent Formulation and Development laboratory is utilized to optimize our existing formulations, improve processes, and for new product development.

Research & Development (R&D)

Helios's focused towards developing new products, improving existing products as well as drug delivery systems and expanding product applications. Hundreds of scientists work on all facets of pharmaceutical development and technology.

In-house R&D forms the backbone of our operations. With almost 5-6% of the company turnover being invested towards R&D each year, our strategy focuses on:

- Developing new drug formulations for existing and newer drug substances
- Improving processes for existing API and formulation products

- Developing new drug delivery systems for existing and newer active drug substances, as well as newer medical devices, mainly in the area of respiratory medicine
- Tie-ups with independent research teams to develop new products
- Strengthening our intellectual property, including the patenting of new products, drug delivery systems and medical devices, mainly in the area of respiratory medicine.
- Conducting clinical and bio-equivalence studies for obtaining regulatory approvals for new products and services



Quality

Suncare's, Quality Control (QC) team ensures the delivery of high standard products by conducting step by step review. QC, as a Centre of excellence, ensures compliance and follows systematic interventions like streamlining SOPs around critical quality parameters, bullet-proofing complex procedures and targeted capacity building.

We establish uniform standards for all products, regardless of geography. At Suncare, we believe meeting pharmacopeia requirements is minimum standard. Our policy of continuous process and product improvement drives us to work toward exceeding these minimum standards.

Consistency is rarely an accident. Rather, it is the result of a well-conceived, rigorously implemented Quality Monitoring System (QMS). Our QMS focuses on continual improvement aimed at optimizing processes and eliminating non-value-adding efforts in production.

These efforts are primarily directed towards reducing variability in process and product quality characteristics.

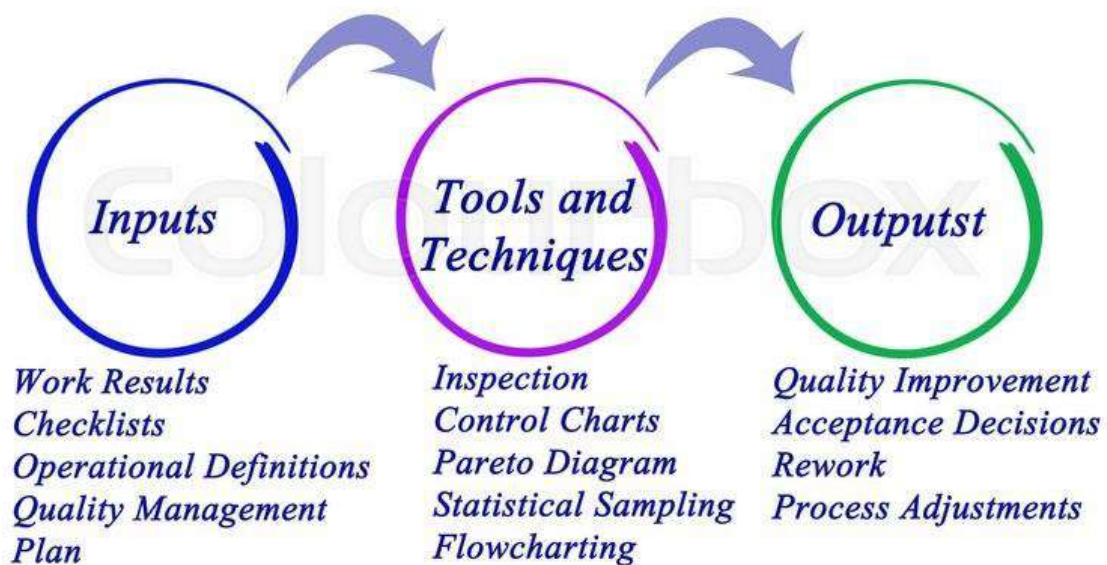
To achieve this, we follow a four-step process:

- Adopt Quality by Design (QbD) approach in Manufacturing and clearly identify sources of variability and minimize them on an ongoing basis.
- Be right the first time. Identify and eliminate defects. Improve efficiency.
- Undertake “risk-based” approach to manufacturing and mitigate risks wherever they are likely to impact quality.
- Develop transparency in all areas of operations and build robust quality culture across the organization

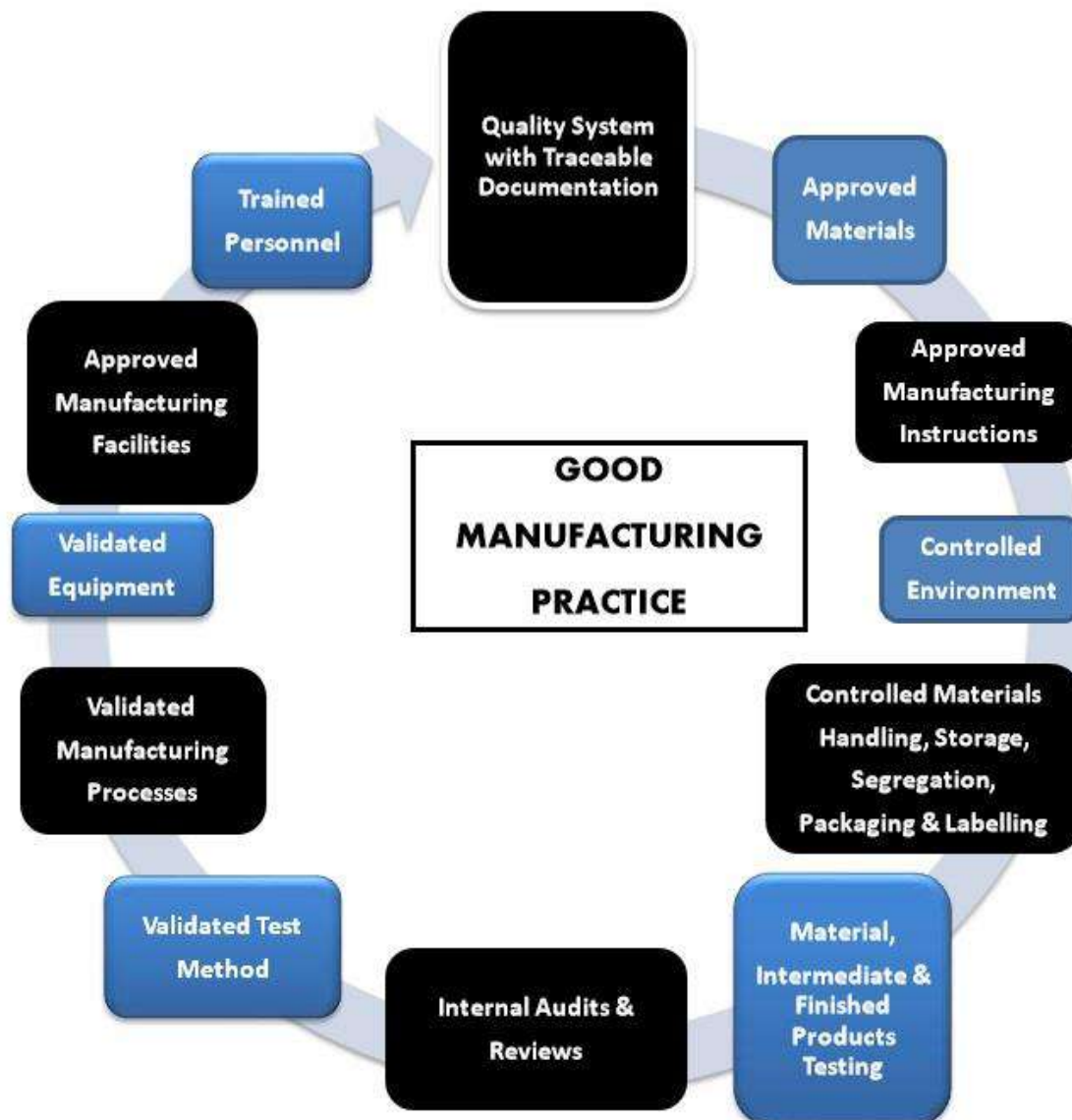
Quality Control

- o Actual manufacturing process
- o Written definition or policy
- o Reporting pathways
- o Authority
- o Product standards

Quality Control Flowchart



Good Manufacturing Practice



Good manufacture practice is that part of Quality Assurance aimed at ensuring that products are consistently manufactured to a quality appropriate to their intended use.

Quality Assurance

- In process quality checking in manufacturing
- Validation of facilities, equipment's, process, Products and cleaning
- Complaint handling
- Storage of quality records and control Samples
- Stability studies



SUNCARE has three sections:

1. Tablet Section
2. Capsule Section
3. Liquid Oral Section



INSTRUMENTS IN SUNCARE PHARMACEUTICALS



STUDENTS INTERACT WITH THE INSTRUCTOR IN SUNCARE PHARMACEUTICALS

PACKAGING

BOTTLE

1. Glass

- type III (solids)
- type I (for inhaled solutions)

2. Plastics

- low density polyethylene LDPE
- high density polyethylene HDPE
- polypropylene PP - polyester PET, PETG
- Cyclo-olefin copolymer (COC)

CLOSURES

- ⇒ Plastic wadless or lined, CR (child resistant), CT (continuous thread), snap fit
- ⇒ Metal - screw, ROPP
- ⇒ Liner – cork, pulp board, EPE »product contact materials/facings : PVDC, Saran, Saranex, EPE, Vinyl, Foamed PVC
- ⇒ Induction heat seals



REPORT CONCLUSION

The Primary goal of this report is to visiting a company gives a practical exposure to current work practices to strengthen theoretical knowledge being taught at college.

During this visit we had visited Formulation Production section, Quality Control and Packaging section. where all faculty are valued equally and treated with respect.

We learnt a lot under the guidance of Mr. Ansuman Ray, Mr. Subhodip Mukherjee and Mr. Chanchal Goel.

We correlate their theory with practical application in pharm manufacturing field. The officials at Helios and Brooks were also impressed with our curiosity to learn the subject. Students were escorted by faculties. Who guided and explained them about processing of pharmaceutical products at various stages of visit to pharm plant.

Moreover, The various large-scale pharm manufacturing equipment and its applications were also keenly observed by us. Thus it turned out to be a great experienced, full of new and advanced learning regarding industry.

Tour Overview

