

## Best Practices

### Best practice – 1

**Title of the practice: Harmonious development of the students**

#### Objectives:

- To improve practical knowledge and technical skills
- To understand various aspects pharma manufacturing, packaging, quality control, regulatory guidelines by arranging industrial visits.
- To induce research acumen at undergraduate level by conducting innovative practical's.
- To inculcate soft skills in students.
- To involve students in community health service and social services.
- To inculcate green and eco-friendly practices

#### Expected outcome:

- It will improve the performance of student along with over all development in his behavior, skill, attitude, health of student.
- It will increase the access of students to the industry and research.
- To learn the importance of reduction of energy and water consumption, reduction of waste and carbon footprint with the value of environmentally sustainable.

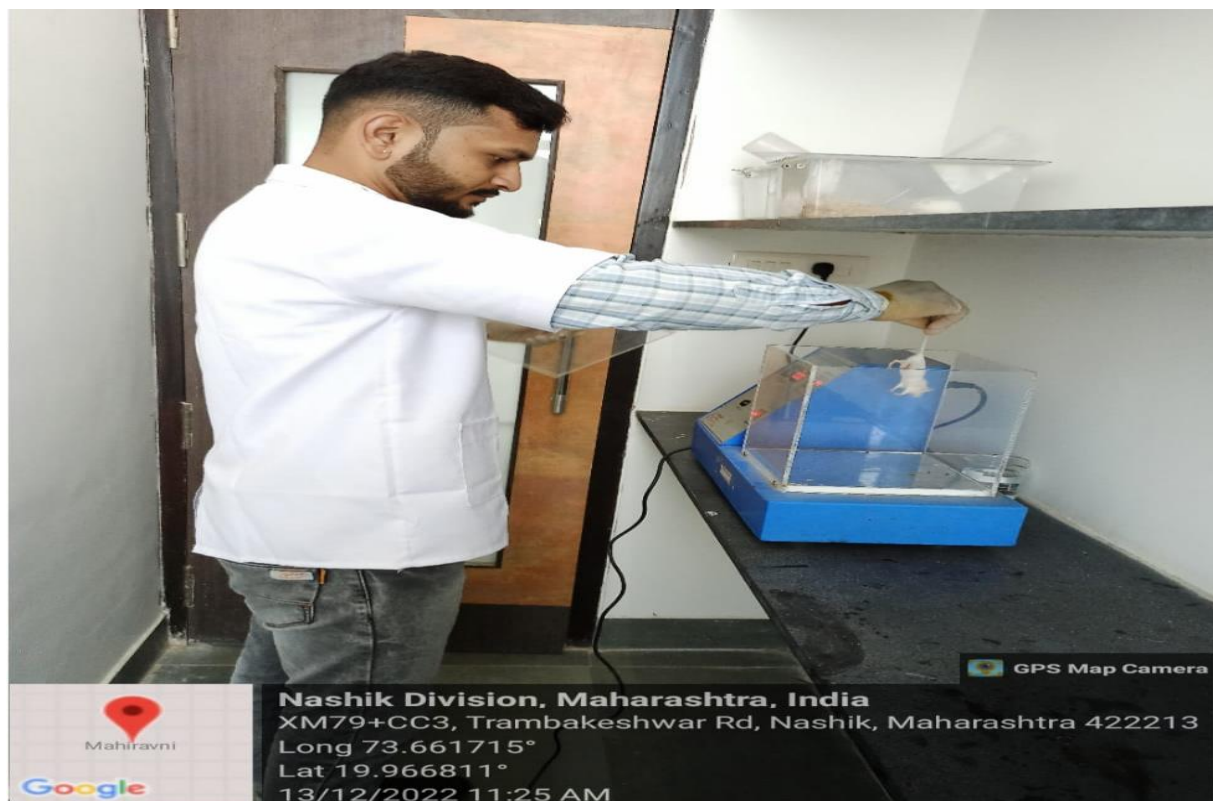
#### Practice-

##### • Practical skills and technical competence

We provide basic and technical knowledge to our students about various pharmaceutical instruments. They have freedom to operate the equipments like HPLC, ART-IR, Motic microscope, probe sonicator, bath sonicator, Brookfield viscometer, microwave oven, dissolution apparatus, UV spectrophotometer, rotary tablet press, all purpose equipment, multimill, colloidal mill, disintegration test apparatus, friability test apparatus, capsule filling machine etc for getting proper operational knowledge and expertise.

## Practical skills of Instruments





- **Industrial visits**

We are arranged Industrial visits for the students based on their curricular subjects to reputed industries like Cipla, Glenmark, Blue Cross, Naprod life sciences, Blossom, Maxheal pharmaceutical Ltd, Hexagon, Shrikrishna Labs Pvt Ltd. During the industrial visits our student will get chances to interact with industry expert and practical knowledge of various departments.



### Visit at Sahyadri farm



### Visit at Cipla



### Visit at Blossom





### Visit at Maxheal



- **Hospital visits**

We are arranged various hospital visits for the students based on their curricular subjects to reputed government and private hospital. During the hospital visits our student will get chances to interact with healthcare expert of various departments and also patients to get practical knowledge.

## Hospital Visit





- **Research**

Many students have completed mini research at graduation level such as- To formulate & evaluate herbal handwash, Chocklate as a formulation for herbal nervine tonic, Formulation & evaluation of herbal hair oil, developement of microencapsules for mosquito repeller. In addition, we encouraged many students' to do their research projects in industry as intern in industry. Our students also trying instrument prototype development or modification in existing lab instruments.



## Research Poster presentation



- **Workshop**

We encouraged students to organized/participate in the various workshops like Dissolution & Bioequivalence, Recent Trends in Clinical Trials & Quality by Design, Intellectual Property Rights (IPR) Patents and Design filling.

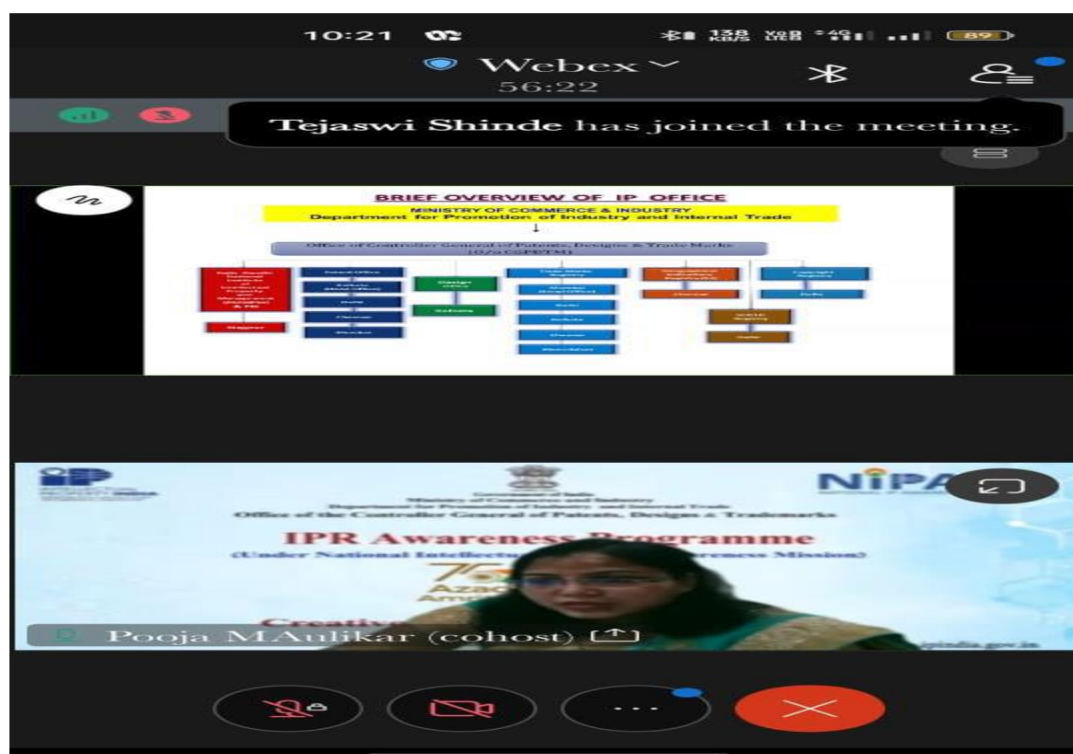
## Dissolution & Bioequivalence







## Intellectual Property Rights (IPR) Patents and Design



- **Soft skill training**

Institute has imparted training program to all the students by inviting professional trainers from reputed institutes and industries. We are arranged seminar of resume writing and Infosys Springboard awareness session to all the students.

### Resume writing





## Infosys SpringBoard Awareness Session



## Communication Skills



- **Health awareness**

We have provided gym facility at hostel for boys as well as girls. The college has its own cricket, football and volleyball grounds. Table tennis, carom and wrestling facilities are also



provided. A session highlighting importance of yoga, skin & hair check up, free eye & dental check up camp, pharma awareness, stress management & health check up camp was also organized.

### Yoga day celebration





**Stress management**







**Dental check up**





### Health check up



- **Co-curricular and Extra-curricular development**

Our students have participated in various competitions and received distinctive awards. Our students participated in intercollegiate competitions like football, basketball, dance, drama and in individual events like cricket & gymnastics at college, university, state & national level competitions.

### Extracurricular activities Sport













### Ganesh chaturthi celebration



#### Evidence of successes:

- Students get excelled in technical skills and competence.
- Many of our undergraduate students have taken up post-graduation to pursue the research further. Industrial visit helps the students clearly understand the concepts that they learn in theory.
- Students fetched placements in various elite companies.
- Participation in extracurricular activities found to be increased which instill enthusiasm, confidence & sportsman spirit into the students.
- Established positive attitude, communication skills, soft skill & links with others.
- Developed students as socially, environmentally responsible & health conscious professionals.

#### Problems encountered:

Sometimes it is difficult to coordinate with all the students.

#### Resources required:

Finance is the major resource required which the institute sometimes cannot afford

### **Best practice – 2**

#### **Title of the practice: Mentoring System**

##### **Objectives:**

- To inculcate soft skill into students.
- To ensure academic and personal excellence of the students.
- To inculcate the human values among the students.
- To effectively interact with mentee and take them into confidence such that can share their personal issue, psychological issue, health issue and college related issue.
- To build and support effective relationship with students. Willingly discloses personal stories and lesson learned through personal experience.
- To provide objective guidance and feedback based on personal experience. Facilitate mentee ability to create and work towards specific learning goals by providing objectives feedback and guidance on goals.
- To facility reflective thinking. Seeks out opportunities for international conversations that support the growth of the mentee.

##### **Intended Outcome:**

- Enhanced satisfaction level among students
- To build healthy relationship between the students and staff.
- Fast and satisfied resolution of student problems
- It will reduce the gap between students and staff for better communication and understanding.

##### **Practices:**

The teachers interact with students mode on topics and issues related to their personal and



academics problems. Faculty gives empathetic towards the issues of students and values their thoughts.

It is essential for exposure, guiding thoughts and realizing their values.

The topics of discussion include:

- Issues related to coping up with new atmosphere, situation that are unfamiliar to them.
- Student's aspirations and future plants.
- Career guidance and counselling.
- Encouraging self-motivation.
- Responsibility towards society.
- Influence of peer pressure.
- Valuing relationship.
- Behavioral and disciplinary aspects.
- Health and hygiene and mental wellbeing.
- Encouraging talents and extracurricular.
- Collecting student grievance form for understanding and solving student problems.

**Guidelines for Mentor System:**

- There should be maximum 20 mentee per mentor.
- A student coordinator should be included in the group.
- Mentor should maintain a record of all the details of their mentee.
- Groups should be made from same department.
- The mentor should conduct regular meetings and discussion on any problem may it be academic, financial, psychological etc.
- Groups should remain for entire course duration.
- There should be a continuous review of student's progress.
- The interactions and meeting should be recorded.

**Responsibilities:**

- Introduction of group and discussion of the mentor-mentee system.
- Call of meeting and record of details in the form about goal setting and action plans.
- Mentor shall advise and take necessary actions about the attendance of mentee though counseling.

- Keep a track of attendance and academic performance.
- Provide academic and emotional support.
- Contact the parents and inform them about the progress of their ward.
- Arrange remedial teaching, if necessary.
- Encourage the students to take the advice and guidance if the mentor whenever essential.

**Evidence of successes:**

More satisfaction for student due to problem solving mentor system

Enhancement in teacher and student healthy relationship

Student grievance form is easy access for student and teachers for understanding student problems.

**Problems Encountered:**

Sometimes Students will not explain their problems openly and completely.

**Resources required:**

Sometimes need to take the help of experts and parent

### Student Grievance Form

<b>Name</b>	
<b>Day and Date</b>	
<b>Class</b>	
<b>Div</b>	
<b>Roll no.</b>	
<b>Student Issue/Problem</b>	
<b>Student sign</b>	

**Mentor Sign & Remark**





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### Mentoring Meeting (Minutes of Meeting)

<b>Name of Mentor</b>	
<b>Day and Date</b>	
<b>Class / Sem</b>	
<b>Discussion</b>	
<b>Remark</b>	

## Distinctiveness

### Social consciousness and community engagement

- **Eco-consciousness and eco-friendly practices:**

The college has been maintaining greenery with lawns, shrubs and trees for keeping carbon neutrality stable. There are more than 700 trees and around 50,000 shrubs surrounding the institute.

Sprinkler irrigation system is used for distribution of uniform water. Motivational slogans are displayed in campus in favor of green campus. Chief Guests are felicitated with herbal saplings or flowering plants. Students are made aware about environmental conservation through the subject of environmental science & by arranging environmental tours.





- **Helping hand- Medical emergency help:**

SIPS provide emergency medical help for students, staff and to the public. We provide help for blood donation on request in emergency cases. Institute arranges counseling sessions for the local public. Institute arranges health check up camp and provides basic medicines and counseling to the nearby village with the help of primary health care centre. Whenever, the accident case is reported, students provide first aid and primary possible treatment to the level to which we are trained and in the critical case we help the patients to shift to the nearest hospital for further treatment and will be informed to the local police department by phone if required. To quote one in the recent year, Sandip Institute of Pharmaceutical Sciences extended its hands to fight against Covid-19 pandemic. Institution has organized vaccination drives to Faculty & Students at college premises incollaboration with Primary Health Centre (PHC), Jategaon, Nashik and also celebrates AIDS day and world pharmacist day.



## AIDS Awareness Day



## World Pharmacist Day





- **Health checkup:**

Our Institutes organizes various health check-up camp/s such as dental check up, eye check up, Women's health check up camps for the campus faculties and the nearby public. Sandip Institute of Pharmaceutical Sciences organizes free “Dental Check-up Camp” with the help of renowned dental specialists from Nashik whereby the public will receive the advice from the doctors about dental hygiene and about the food intake and daily routine they should follow to prevent dental disorders and the available treatment options.

### Health checkup



### Eye checkup







## Dental checkup



- **Blood donation Camp:**

Sandip Institute of Pharmaceutical Sciences organizes blood donation camps in coordination with hospitals and blood bank. During the camp, doctors/technicians explain the students about the method of collection of blood and separation of blood constituents, blood group detection techniques and importance of blood donation. Any queries related will be clarified by the team on the spot. The camp has helped many needy patients during emergency. We also donate blood on request from hospitals or from patients.

Blood donation helps to:

- Save one's life
- Reduce the risk of heart attack and cancer.
- Maintain a healthy liver.
- Burns calories and helps in weight loss.
- Stimulates blood cell production.
- Prevents Hemochromatosis and helps to maintain iron levels.







- **Patient counseling:**

Our students visit to the nearest Hospitals and Primary Healthcare Center in the nearby villages like Mahiravani, Jategaon etc. and counsel the patients with the help of the physicians which gives an additional psychological support to the patients and extended awareness regarding the prevention and treatment of various illnesses in addition to the diet plan.

### **Patient counseling camp**





- **Swachh Bharat Abhiyan:**

Swachha Bharat Abhiyan (SBA) or sachha Bharat Misson (SBM) or Clean India misson is a campaign in India that aims to clean up the streets, roads and Infrastructure of Indian cities,



smaller towns, and rural areas. The main aim of the mission is to eliminate open defecation and improve the waste management. SIPS arranged Swachh Bharat Abhiyan campaign in the campus as well as outside the campus and extend its services in maintenance of cleanliness in surrounding area. Sandip foundation has also taken the responsibility of maintaining the roadside plants of nearby area.

### Swachh Bharat Abhiyan







- **Community Awareness for prevention of tobacco and alcohol consumption:**

Tobacco smoking and consumption can lead to lung cancer, chronic bronchitis, and emphysema. Now days the rates of drinking and smoking has increased in the youths. We initiated prevention and awareness programs which may help the public to reduce/stop the consumption of alcohol and tobacco and pan masala, Gutakha, and drugs.

## Tobacco awareness



- **Carrier Guldens:**

SIPS arrange carrier guidance programs for the students by experts from various fields which helps the seekers to choose and excel in their carrier. This also enhances the choice and opportunities for the students in getting placements of their field of interest like quality contro/assurance, pharmacovigilance, higher studies, overseas studies, production, clinical field, pharmacist, regulatory affairs, government/public service and other related areas.



## Carrier guidance





















