



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

BEST PRACTICES

Sr. No.	Name of Practices	Year
1.	Model Pharmacy	2018-24
2.	Compost pit	2018-24




PRINCIPAL
ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL-410 208.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

OBJECTIVES OF BEST PRACTICES :

- 1. Efficient Operations:** A model pharmacy would prioritize efficiency in dispensing medications, managing inventory, and handling administrative tasks.
- 2. Patients-Centered Care :** It would focus on providing excellent customer service, offering counselling on medications, and ensuring patient safety and well-being.
- 3. Compliance and Quality Assurance:** This pharmacy would adhere strictly to regulations and standards set by regulatory bodies, ensuring the quality, safety and efficacy of medications.
- 4. Innovation:** A model pharmacy might also be at the forefront of adopting new technologies and best practices to improve patient care and streamline operations.
- 5. Community Engagement :** It would actively engage with the local community, offering health screenings, educational events, and other outreach programs to promote wellness.
- 6. Professional Development:** The staff would be highly trained and continually updated on new developments in pharmacy practice, ensuring they provide the best possible care to patients.




PRINCIPAL
ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL-410 206.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

General outline:

Sessions are being conducted twice a week for the students of third year and four year so that they could know understand the regulations regarding the storage, handling, and dispensing of pharmaceuticals, recent developed drugs and recent drug delivery system.

A model pharmacy is setup to encourage students to go through current market strategies and new developed forms of medicine.

1. Market Research and Planning:

- Identify the target market and location for the pharmacy.
- Conduct market research to understand the needs and preferences of potential customers.
- Develop a business plan outlining your goals, target market, services offered, and financial projections.

2. Legal and Regulatory Compliance:

- Obtain necessary licenses and permits to operate a pharmacy in your jurisdiction.
- Comply with regulations regarding the storage, handling, and dispensing of pharmaceuticals.
- Ensure that your pharmacy meets all requirements for patient confidentiality and data protection.

3. Physical Setup:

- Secure a suitable location for the pharmacy, ideally in an area with high foot traffic and easy access for customers.
- Design the layout of the pharmacy to optimize workflow and create a welcoming environment for customers.
- Install necessary equipment such as dispensing counters, storage units, refrigeration units for storing medications, and computer systems for managing inventory and transactions.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

4. Inventory Management:

- Establish relationships with pharmaceutical suppliers to ensure a reliable supply of medications.
- Implement inventory management systems to track stock levels, expiration dates, and reorder points.
- Regularly review and update your inventory to meet customer demand and minimize waste.

5. Staffing and Training:

- Hire qualified pharmacists and pharmacy technicians who are licensed to practice in your jurisdiction.
- Provide comprehensive training to staff on pharmacy operations, customer service, and compliance with regulations.
- Foster a culture of professionalism, integrity, and continuous learning among your team members.

6. Marketing and Promotion:

- Develop a marketing strategy to promote your pharmacy and attract customers.
- Utilize both online and offline channels, such as social media, local advertising, and community outreach programs.
- Highlight any unique services or value propositions offered by your pharmacy, such as personalized medication counseling or home delivery.

7. Customer Service and Care:

- Prioritize excellent customer service to build trust and loyalty among your clientele.
- Offer personalized medication counseling and health education to help customers make informed decisions about their healthcare.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

- Implement systems for managing patient records and prescription refill requests efficiently and securely.

8. Continuous Improvement:

- Regularly assess and review the performance of your pharmacy against key metrics such as sales, customer satisfaction, and medication adherence.
- Seek feedback from customers and staff to identify areas for improvement and implement necessary changes.
- Stay updated on industry trends, new medications, and advancements in pharmacy practice to remain competitive and provide the best possible care to your customers.




PRINCIPAL
ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL-410 208.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com



Signature

PRINCIPAL
ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL-410 208.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com



Signature

PRINCIPAL

ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL- 410 206.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com





WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

Problems Encountered During a Model Pharmacy Setup

Setting up a model pharmacy involves numerous challenges that can impact its functionality, efficiency, and compliance. Here are some common problems encountered during the setup and operation of a model pharmacy:

1. Regulatory Compliance:

- **Issue:** Ensuring the pharmacy adheres to all local, state, and federal regulations can be complex and time-consuming.
- **Solution:** Regularly consult with legal and compliance experts to stay updated on regulations and implement a robust compliance monitoring system.

2. Inventory Management:

- **Issue:** Maintaining accurate and efficient inventory levels to avoid stockouts or overstocking.
- **Solution:** Implement a reliable inventory management system with automated reordering processes and regular audits.

3. Staff Training:

- **Issue:** Ensuring all staff members are adequately trained on pharmacy operations, including handling medications and customer service.
- **Solution:** Develop comprehensive training programs and conduct regular refresher courses to keep staff updated on best practices.

4. Technology Integration:

- **Issue:** Integrating and maintaining advanced pharmacy management software and electronic health records (EHR) systems.
- **Solution:** Choose user-friendly, compatible software solutions and provide thorough training for staff to ensure smooth integration and operation.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

5. Patient Privacy:

- **Issue:** Protecting patient information and ensuring compliance with privacy laws such as HIPAA.
- **Solution:** Implement strong data protection measures, including encrypted databases, and train staff on privacy policies and protocols.

6. Medication Errors:

- **Issue:** Preventing medication dispensing errors, which can lead to serious health risks.
- **Solution:** Establish strict protocols for prescription verification, double-checking processes, and use barcode scanning for accuracy.

7. Financial Management:

- **Issue:** Managing finances, including budgeting, billing, and dealing with insurance companies.
- **Solution:** Employ experienced financial managers and use specialized pharmacy accounting software to streamline financial operations.

8. Customer Service:

- **Issue:** Providing consistent and high-quality customer service to build trust and maintain patient satisfaction.
- **Solution:** Train staff in customer service skills, implement patient feedback systems, and address any issues promptly and effectively.

9. Supply Chain Issues:

- **Issue:** Dealing with disruptions in the supply chain, leading to medication shortages or delays.

10. **Solution:** Establish strong relationships with multiple suppliers, keep a buffer stock of essential medications, and have contingency plans in place.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

11. Physical Space and Layout:

- **Issue:** Designing a functional and efficient layout that complies with health and safety regulations.
- **Solution:** Work with experienced designers and pharmacists to create an optimal layout that enhances workflow and patient interaction while meeting regulatory standards.

12. Security Concerns:

- **Issue:** Ensuring the security of medications, especially controlled substances, to prevent theft or misuse.
- **Solution:** Install security systems, including surveillance cameras, alarm systems, and secure storage for controlled substances.

13. Community Engagement:

- **Issue:** Building and maintaining a strong relationship with the local community.
- **Solution:** Participate in community health initiatives, provide educational workshops, and offer services that meet the specific needs of the community.

14. Keeping Up with Industry Trends:

- **Issue:** Staying updated with the latest advancements in pharmacy practice and integrating them into the model pharmacy.
- **Solution:** Encourage continuous professional development for staff, subscribe to industry journals, and participate in professional organizations and conferences.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

BEST PRACTICE

2

COMPOST PIT



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

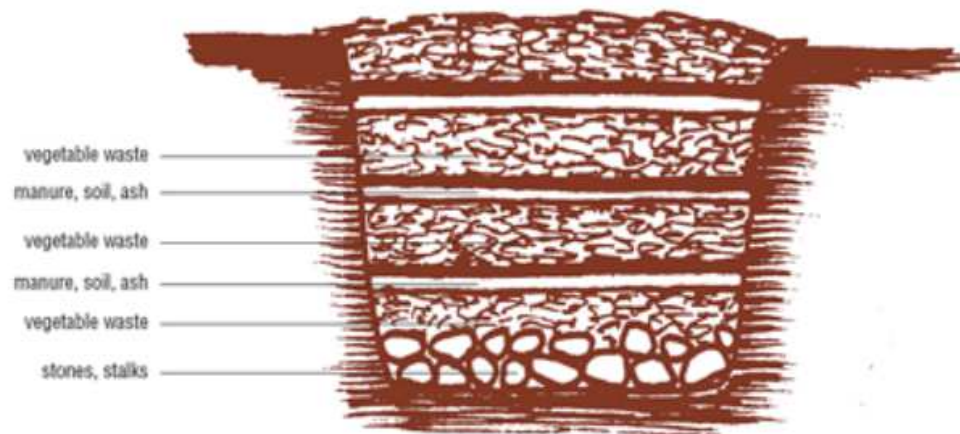
Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

COMPOST PIT

Compost-making is a vital, life-saving opportunity to save waste and turn it into productive use. Compost is made from mixing together organic waste materials—such as leaves, weed and straw—and leaving them to decompose until a black, crumbly soil is formed. The materials needed to make it are locally available, accessible and free.

Mature compost helps plants to grow better. It enriches soil, which loses nutrients to food-hungry plants. By using compost, people can grow more vegetables and trees to feed themselves. Composting simply copies nature's ways. Leaves fall from trees, plants grow and die and the natural cycle of decay returns nutrients to the soil. Many people know about compost, but they don't take time to make it in an organized way. Many farmers instead rely on chemical fertilizers. However, these are expensive and do not improve soil structure.





WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

1. Dig a hole or trench for the compost pit.

Find an open space where you can comfortably dig a hole or trench—someplace near an existing (or future) flower/vegetable garden is a great option. Make your pit between 12 and 15 in (30.5 to 38 cm) deep and 8 to 10 in (20 to 25 cm) wide. Depending on your yard space, you can make the pit a singular hole or a longer trench.

(a) Feel free to make more than one hole or trench, depending on the amount of space you have to work with. Digging holes rather than trenches may be more manageable if you don't have a lot of compost material to discard.

(b) If you have fruit trees in your yard, consider digging compost pits beneath the outer edge of the branches. This placement allows the compost to nourish the tree's roots more efficiently.

2. Chop your compost materials finely. Slice or physically break down larger pieces of compost, like leftover chunks of vegetables. The more fine your compost is, the more efficiently it will decompose. Kitchen scraps can be ripped apart by hand, chopped with a knife, or even pulverized in a blender or food processor. Yard scraps can be broken down using a lawn mower. Aim for pieces no bigger than 2 to 3 in (5 to 8 cm) long, wide, and thick.

3. Fill the bottom 4 in (10 cm) of the pit with compost.

Don't fill it up all the way—the majority of the compost pit will be filled with soil. If you end up having more compost than you expected, feel free to dig another hole or trench. Use a shovel to mix the materials together so that they decompose as evenly as possible. It's especially important to make sure your carbon-rich materials (such as paper and dried leaves) are mixed thoroughly with your nitrogen-rich materials (like vegetable scraps and fresh grass clippings). Well-mixed compost materials are important from the outset, as you generally do not turn the materials like you would with other kinds of compost setups.

4. Cover up the compost with soil and mulch

Fill the pit until it is level with the surrounding soil. For a little extra protection, spread out some straw or other mulch over the pit. Seeding the area with grass or similar vegetation can also work well for this.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

5. Wait a few months to 1 year for your pit to finish decomposing.

Unlike other composting methods (like “hot” composting), a compost trench requires several months (or even a year) to finish decomposing. In well-nourished, well-draining soil, your compost can be ready in as little as 2-3 months, but this isn't always the case.

If your soil is mineral-based and lacks good drainage, you might have to wait much longer for your compost to be ready.

6. Grow plants above the compost pit when it has decomposed.

Your soil is now deeply enriched beneath the surface, which makes it perfect for your future landscaping and gardening needs. Plant your desired seeds and sprouts into the soil with the confidence that they'll be well-nourished.

7. Dig a new trench to prepare a new compost pit.

If you have plenty of other food scraps, dead leaves, and other materials ready to go, feel free to repeat the process all over again! Dig another hole or trench, fill it up, cover it with soil and mulch, and wait for the compost to decompose.




PRINCIPAL
ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL-410 206.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com

Problems Encountered During the Creation of a Compost Pit

Setting up a compost pit is a valuable practice for waste management and soil enrichment, but it can come with several challenges. Here are common problems encountered during the creation and maintenance of a compost pit, along with potential solutions:

1. Site Selection:

- Issue: Choosing an inappropriate location can lead to issues such as foul odors and poor drainage.
- Solution: Select a site with good drainage, away from living areas but accessible for regular maintenance. Ensure it's neither too sunny (which can dry out the compost) nor too shaded (which can slow down the composting process).

2. Odor Control:

- Issue: Bad odors can arise from improper balance of materials or lack of aeration.
- Solution: Maintain a proper balance of green (nitrogen-rich) and brown (carbon-rich) materials. Regularly turn the compost to provide aeration and prevent anaerobic conditions.

3. Pest Infestation:

- Issue: Attracting pests such as rodents and insects can be a significant problem.
- Solution: Avoid adding meat, dairy, and oily foods to the compost. Use a compost bin with a secure lid and consider adding a layer of soil or brown material on top to deter pests.

4. Moisture Control:

- Issue: Too much or too little moisture can impede the composting process.
- Solution: Maintain the moisture level so that the compost is as damp as a wrung-out sponge. Add water during dry periods and mix in dry materials like straw or cardboard if the compost becomes too wet.

5. Material Breakdown:

- Issue: Slow decomposition of materials can occur if the balance of compost ingredients is not correct.
- Solution: Ensure a good mix of green and brown materials, chop or shred larger items to increase surface area, and turn the pile regularly to facilitate aeration and microbial activity.

6. Temperature Regulation:

- Issue: Compost pile not heating up, which is essential for breaking down materials and killing pathogens.
- Solution: Ensure a proper mix of materials, add enough green material to increase nitrogen, and regularly turn the compost to introduce oxygen and maintain microbial activity.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com



GPS Map Camera



06/05/24 11:57 AM GMT +05:30
St. Wilfred's Institute of Pharmacy
Panvel, Shedung.



PRINCIPAL

ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL- 410 206.



WILFRED'S INSTITUTE OF PHARMACY

Affiliated to the Mumbai University, DTE Maharashtra (DTE)

Near Shedung Toll Plaza, Old Mumbai-Pune Highway, Panvel, Dist. Raigad, Maharashtra – 410221

Tel: 02143-239091, 8655678500/501 | Website: swippanvel.com | Email: swc.mumbai@gmail.com



GPS Map Camera



06/05/24 11:55 AM GMT +05:30
St. Wilfred's Institute of Pharmacy
Panvel, Shedung.



PRINCIPAL

ST WIL FRED'S INSTITUTE OF PHARMACY
OLD MUMBAI PUNE HIGHWAY, NEAR SHEDUNG TOLL PLAZA,
SHEDUNG, PANVEL-410 208.