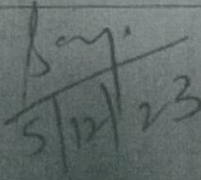


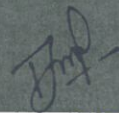


# K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

School of Medical & Allied Sciences (SMAS)

Name of the Student	Deepanshu Sethi
Course:	Diploma in Pharmacy
Academic Year of the Student:	2022-2024
Roll no.	2304310027
Name of the Subject:	Pharmacognosy ER20-13P
Name & full address of the organization visited:	Herbal Garden, K.R. Mangalam University Sohna Road, Gurugram, Haryana 122103 Sohna Rural
Date and Duration of Visit:	29-11-2023 Duration: 10:00 AM to 12:30 AM
Name & Designation of the Evaluator:	Dr. Saroj Yadav , Associate Professor
Signature of the Evaluator with Date:	 5/12/23

  
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Sohna Road, Gurugram, (Haryana)

# FIELD VISIT REPORT

ER20-13P

Name of the College : K.R. Mangalam University

Name of the Student : Deepanshu Sethi

Academic Year of the Student : 2023-2025

Name of the Subject : Pharmacognosy (ER20-13P)

Name & full address of the organization Visited : Herbal Garden, K.R. Mangalam University Sohna Road, Gurugram, Haryana 122103 Sohna Rural

Date and Duration of Visit : 04-12-23,

## Objectives set for the field visit

1. To study about the morphological character of the medicinal plants
2. To study about the biological source of the medicinal plants
3. To study about the active chemical constituents of the medicinal plants
4. To study about the uses of the medicinal plants

## Prior preparation for the field visit

Before going on the field visit to study medicinal plants in the botanical garden, a good thorough preparation is essential. Begin by researching the specific medicinal plant species present, their biological source, morphological character, uses, chemical constituent etc for the further study. Familiarize with pharmacognosy principles to understand the bioactive plants and species you may encounter. Equip yourself with appropriate tools for collection, such as plant identification guides, notebooks, and camera equipment. Communicate with the garden staff to gain insights and coordinate access to specific areas of the garden. Lastly, prepare a data collection plan outlining key objectives and methods, ensuring a systematic and efficient approach to maximize the value of the field visit.

## General experiences during the field visit

During a field visit we focused on studying medicinal plants in a botanical garden, I experienced a rich and immersive journey. It was an amazing experience that I want to absorb again. The natural surroundings made me really feel connected to all the different plants through what I saw, smelled, and touched. The environment there was fresh and healing. Being hands-on with the plants helped me understand them much better practically.

Talking to the garden staff and experts was also a big part of my learning, especially my Pharmacognosy teacher Dr. Saroj Yadav who taught us about the different plants and their various characteristics that really helped me gain more interest in medicinal plants. My favourite part was studying about the aloe vera plant.



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In short, the field trip was a complete experience. It combined what I learned in books with real-life situations.

**Learning points: theoretical concept that is correlated during the field visit.**

We studied about various medicinal plants including mustard, banana, pomegranate, aloe vera and many others.

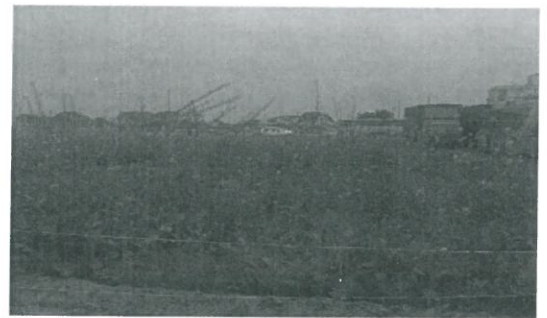
**1. Yellow Mustard**

Biological Source- seeds of *Sinapis alba*

Family-Brassicaceae

Morphological characters:

- Roots: Long and tapered, with a wide lateral spread
- Stems: Erect, branched, cylindrical, and solid
- Leaves: Simple, alternate, and lyrate, with dissected margins
- Flowers: Pale yellow, small, and arranged in corymbose racemes



Chemical constituents:

- Fixed oil: 35–40%
- Sinigrin: A glycoside
- Myrosin: An enzyme

Uses: - It may be used against diabetes, cancer, psoriasis, fungi, and bacteria and act as an antioxidant, it may be used for neurodegenerative disorders like Alzheimer's disease and Parkinson's disease

**2. Banana**

Botanical Source- *Musa acuminata* and *Musa balbisiana*

- Family: Musaceae

Morphological Characteristics:

- Plant Type: Herbaceous, perennial
- Leaves: Large, broad, and spirally arranged
- Stem: Pseudostem (false stem) composed of tightly packed leaf bases
- Flowers: Terminal inflorescence with colorful bracts and tubular flowers
- Fruits: Berries with a protective peel, typically yellow when ripe



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#### Chemical Constituents:

- Carbohydrates: Mainly sugars, especially fructose and glucose
- Vitamins: Rich in vitamin C and B-complex vitamins
- Minerals: Contains potassium, magnesium, and trace amounts of other minerals
- Dietary Fiber: Good source of dietary fibre

#### Uses:

1. Food: Eaten fresh as a fruit or used in various culinary preparations.
2. Nutritional Supplement: Provides essential vitamins and minerals, especially for potassium and vitamin C.
3. Medicinal Purposes: Used in traditional medicine for various health benefits, such as promoting digestion and relieving gastrointestinal issues.

### 3.Pomegranate

Botanical source- *Punica granatum*

- Family: Lythraceae

Morphological Characteristics:

- Plant Type: Small deciduous tree or shrub
- Leaves: Glossy, narrow, lance-shaped leaves
- Flowers: Bright red or orange, tubular, usually with five to eight petals
- Fruits: Large, round berries with a thick, leathery skin (pericarp) and many seeds (arils) inside




#### Chemical Constituents:

- Polyphenols: Rich in antioxidants, including punicalagins and anthocyanins
- Vitamins: High in vitamin C and some B vitamins
- Minerals: Contains potassium and other minerals
- Dietary Fiber: Good source of both soluble and insoluble fiber

#### Uses:

1. Juice: Pomegranate juice is popular for its rich taste and potential health benefits.
2. Medicinal Purposes: Traditional medicine uses include anti-inflammatory properties and potential cardiovascular benefits.

  
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3. Cosmetics: Extracts from pomegranate are used in skincare products due to their antioxidant properties.

#### 4. Aloe vera

Botanical source- dried latex of leaves of it

- Family: Asphodelaceae (formerly Liliaceae)

Morphological Characteristics:

- Plant Type: Succulent perennial with thick, fleshy leaves
- Leaves: Rosettes of long, pointed, succulent leaves with serrated edges
- Colour: Green to Gray green, with a gel-filled interior
- Flowers: Tubular, yellow or orange flowers on a tall spike



Chemical Constituents:

- Aloe Vera Gel: Contains water, polysaccharides, glycoproteins, enzymes, vitamins (A, C, E, B12), and minerals (calcium, magnesium, zinc).
- Latex (from leaf skin): Contains compounds like aloin with laxative properties.

Uses:

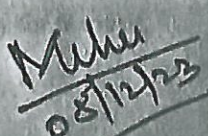
1. Topical Application: Aloe vera gel is applied to the skin for its soothing and moisturizing properties. It is commonly used to treat sunburns, wounds, and skin irritations.
2. Cosmetic Industry: Aloe vera is used in various skincare and hair care products due to its hydrating and anti-inflammatory properties.
3. Oral Consumption: Aloe vera juice or supplements are sometimes consumed for potential digestive benefits, though the laxative effect of the latex must be considered.
4. Traditional Medicine: In traditional medicine, aloe vera has been used for various health issues, including digestive disorders.

  
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School of Medical & Allied Sciences (SMAS)

<b>Name of the Student</b>	Aash Mohammad
<b>Course:</b>	Diploma in Pharmacy
<b>Academic Year of the Student:</b>	2023-2024
<b>Roll no.</b>	2304310025
<b>Name of the Subject:</b>	Social Pharmacy ER20-15P
<b>Name &amp; full address of the organization visited:</b>	Apex Multispeciality Hospital ,Plot No. 8, Mandir Road, Dr Ambedkar Colony, Chhatarpur, New Delhi, Delhi 110074
<b>Date and Duration of Visit:</b>	02-12-2023 Duration: 10:00 AM to 12:30 PM
<b>Name &amp; Designation of the Evaluator:</b>	Ms. Meher Priya Sharma , Assistant Professor
<b>Signature of the Evaluator with Date:</b>	 08/12/23

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**Title: APEX HOSPITAL**  
**Field Visit**  
**Primary HealthCare Centre**

**Objectives-**

1. To know about the Hospital Infrastructure, working, facilities, equipments etc.
2. Communicate with Doctors, Nurses and other health professionals
3. Gather feedback from patients, to understand their experience, satisfaction levels, and any areas that require improvement in terms of service, care, or facilities.
4. Ensure the hospital adheres to regulatory standards, safety protocols, and legal requirements concerning patient care, documentation, and overall operations.
5. I can share what i have learned from this field visit within my community
6. To observe carefully on the working of the hospital for the welfare of the patients

**Prior preparation of the student for the field visit-**

1. Researching the Hospital location and plan properly about Field visit
2. Get permission from the hospital for my field visit and ask them if I'm allowed to get feedbacks from the patients there and communicate with the faculties
3. To know about the hospital rules for the visitors
4. Visit on the day when there is less chances of rush in the hospital
5. Should take cautions and do not disturb patients there
6. Formulate questions related to the visit's objectives. It will help in engaging with them
7. Aware of any health or safety precautions necessary for the visit.

**The general experiences during the field visit-**

1. I observed basic medical procedures, diagnostic tests, or screenings conducted at the center. This can include observing vaccinations, basic laboratory tests, or wound dressing procedures.
2. Observed the utilization of resources, including medical supplies, equipment, and human resources, provides insights into challenges related to resource allocation and management in primary healthcare settings.



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3. It gives me new experiences and increase my interest and engagement in science regardless of prior interest in a topic.

4. Gained insights into the importance of preventive healthcare through discussions on vaccination programs, maternal and child health, family planning services, nutrition advice, and health education

**The theoretical concept that is correlated during The field visit are-**

- During the field visit of Apex hospital. I observed various types of theoretical concepts that are correlated with the practical aspects of health care management and delivery.

**1. Healthcare operations management:**

- Operations management in health care understand that how the hospital manages it's resources, schedule and ensure the smooth operation and optimal patients care.

**2. Patient centred care:**

- Observe how Fortis emphasizes patient needs and preferences in healthcare decision-making and delivery.

**3. Quality Improvement:**

- Explore how Fortis implements quality improvement methodologies to enhance healthcare services and patient outcomes.

**4. Healthcare Ethics:**

- Observe the application of ethical principles, including confidentiality, informed consent, and respect for patient autonomy.

**5. Health Information Management:**

- Explore how Fortis handles health information, including electronic health records, to ensure accuracy, privacy, and accessibility.

**6. Strategic Management:**

- Explore how Fortis aligns its organizational strategy with healthcare goals, community needs, and regulatory requirements.

**7. Patient Safety:**

- Investigate measures in place to ensure patient safety, including protocols for error reporting, infection control, and risk management.

**8. Cost Effectiveness:**



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- Understand strategies employed by Fortis to provide cost-effective healthcare services without compromising quality.

#### 9. Community Health :

- Explore Fortis' engagement with the local community, including health promotion, preventive care, and community outreach programs.

These theoretical concepts provide a framework for understanding the various aspects of healthcare delivery, management, and ethical considerations that may be observed during a field visit to Apex Hospital.



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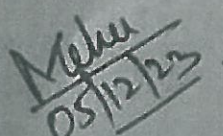
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**K.R. MANGALAM UNIVERSITY**  
THE COMPLETE WORLD OF EDUCATION

**School of Medical & Allied Sciences (SMAS)**

<b>Name of the Student</b>	Tannu Ranjan
<b>Course:</b>	Diploma in Pharmacy
<b>Academic Year of the Student:</b>	2023-2024
<b>Roll no.</b>	2304310019
<b>Name of the Subject:</b>	Social Pharmacy (ER20-15P)
<b>Name &amp; full address of the organization visited:</b>	Civil hospital Sohna , Baluda Rd, Rajoria Nagar, Sohna Rural, Haryana 122103
<b>Date and Duration of Visit:</b>	29-11-2023 Duration: 10:00 AM to 12:30 PM
<b>Name &amp; Designation of the Evaluator:</b>	Mrs. Meher Priya Sharma , Assistant Professor
<b>Signature of the Evaluator with Date:</b>	 05/12/23

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**Title:- Civil hospital Sohna, Report on primary health centre (PHC) visit :-**

**Objective point of primary health care:-**

- To provide comprehensive Primary health care to the community through the Primary health care centre.
- To achieve and maintain an acceptable standard of quality of care.
- To make the service more responsive and sensitive to the needs of the community.
- Identify communicable and non communicable disease.
- Participate in National health program.
- Provide family welfare services.
- Counsel and educate individual.
- Maintain records and report.
- Participate in school health program.
- Identify community profile.
- Imagine health needs of individual families and community.
- Plan provide and evaluate care.

**Prior preparation of the student for the field visit:-**

- We visited the primary health care centre , that we know about Primary health care centres got a basic



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- We can know about the free treatment and scheme for full pregnant mothers..
- We learn about Primary health care under program of government , how it operates and it has 4 to 6 beds for a delivery room for normal delivery only.
- There are 5 consulting rooms in the hospital for the outpatients to consult the specialists. The visiting consultants work at a specific time in the hospital. However in case of emergency and need they visit the hospital on the request of the duty doctors.

### **FUNCTION OF PRIMARY HEALTH CENTER-**

- The function of the primary health centre in India covers all and elements of primary healthcare.
1. Medical care
  2. MCH including family planning
  3. Safe water supply and basic sanitation
  4. Prevention and control of locally endemic diseases
  5. Collection and reporting of vital statistics
  6. Education about health
  7. National health programmes as relevant
  8. Referral services



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used to diagnose the diseases and the special treatments given in the hospital. This visit is a memorable and useful one.

- The visit of PHC was a very educational experience to everyone in our group . It was a great experience and I have learnt many things through that this educational visit. I express my sincere created to all my faculty members for organising such a one time formation to visit us.

### **Theoretical concept that is correlated during the field (PHC)visit:-**

- The Primary health care is a system which is refers and begin call by people for health- related emergency. The patient may coordinate to the hospital , ambulance service , clinic and nursing for immediate problems. The doctors , nurse , ward boy and paramedical officers are the component of the healthcare system. The insurance agent generate an insurance related to medical health in case of emergency.
- Vaccines and medicine are kept according to their temperature in refrigerator. There's a backup for the refrigerator to 0 degree in case of power cuts.



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idea of what a Primary health care, is what type of treatments are given here.

- We should not face a patient to interact with us.
- If we were interacting with a patient , then patient privacy must be maintained.
- We all should follow the hospital guidelines strictly.
- Bring a personal notebook to record important information, such as questions to ask medical staff.
- When we go to hospital, take all our medication.

### **The general experiences during the field visit(PHC):-**

- Our visiting of Primary health care centre Sohna was very knowledgeable. Here we came to know about so many activity done at PHC level. Our experience of PHC, doing health survey interaction with community people was very positive. It has been great learning experience. We are really very thankful.
- The area of Sohna city is very clean and the peoples are very comparative. There is no emergency medicine in Shona PHC. There is no eating house available for inpatient and outpatient .
- Field visit to the Hospital made me know about the procedures undertaken in the hospital, the facilities available in the hospital and about the equipment



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**Title:- Civil hospital Sohna, Report on primary health centre (PHC) visit :-**

**Objective point of primary health care:-**

- To provide comprehensive Primary health care to the community through the Primary health care centre.
- To achieve and maintain an acceptable standard of quality of care.
- To make the service more responsive and sensitive to the needs of the community.
- Identify communicable and non communicable disease.
- Participate in National health program.
- Provide family welfare services.
- Counsel and educate individual.
- Maintain records and report.
- Participate in school health program.
- Identify community profile.
- Imagine health needs of individual families and community.
- Plan provide and evaluate care.

**Prior preparation of the student for the field visit:-**

- We visited the primary health care centre , that we know about Primary health care centres got a basic

  
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9. Training of health guides health workers local dais  
and health assistants

10. Basic laboratory services.



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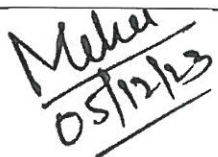




# K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

School of Medical & Allied Sciences (SMAS)

Name of the Student	Mausam Yadav
Course:	Diploma in Pharmacy
Academic Year of the Student:	2023-2024
Roll no.	2304310014
Name of the Subject:	Social Pharmacy ER20-15P
Name & full address of the organization visited:	Maharaja Agarsain Hospital-Punjabi Bagh, New Delhi
Date and Duration of Visit:	02-12-2023 Duration: 10:00 AM to 12:30 PM
Name & Designation of the Evaluator:	Ms. Meher priya sharma, Assistant Professor
Signature of the Evaluator with Date:	 05/12/23

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Sector Road, Gurugram, (Haryana)



**Title: Maharaja Agarsain Hospital- Field Visit**  
**Primary HealthCare Centre**

**Objectives-**

1. To know about the Hospital Infrastructure, working, facilities, equipments etc.
2. Communicate with Doctors, Nurses and other health professionals
3. Gather feedback from patients, to understand their experience, satisfaction levels, and any areas that require improvement in terms of service, care, or facilities.
4. Ensure the hospital adheres to regulatory standards, safety protocols, and legal requirements concerning patient care, documentation, and overall operations.
5. I can share what i have learned from this field visit within my community
6. To observe carefully on the working of the hospital for the welfare of the patients

**Prior preparation of the student for the field visit-**

1. Researching the Hospital location and plan properly about Field visit
2. Get permission from the hospital for my field visit and ask them if I'm allowed to get feedbacks from the patients there and communicate with the faculties
3. To know about the hospital rules for the visitors
4. Visit on the day when there is less chances of rush in the hospital
5. Should take cautions and do not disturb patients there
6. Formulate questions related to the visit's objectives. It will help in engaging with them
7. Aware of any health or safety precautions necessary for the visit.

**The general experiences during the field visit-**

1. I observed basic medical procedures, diagnostic tests, or screenings conducted at the center. This can include observing vaccinations, basic laboratory tests, or wound dressing procedures.
2. Observed the utilization of resources, including medical supplies, equipment, and human resources, provides insights into challenges related to resource allocation and management in primary healthcare settings.
3. It gives me new experiences and increase my interest and engagement in science regardless of prior interest in a topic.

  
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4. Gained insights into the importance of preventive healthcare through discussions on vaccination programs, maternal and child health, family planning services, nutrition advice, and health education

**The theoretical concept that is correlated during The field visit are-**

- During the field visit of Maharaja Agarsain Hospital.I observed various types of theoretical concepts that are correlated with the practical aspects of health care management and delivery .

1.Healthcare operations management:

- Operations management in health care understand that how the hospital manages it's resources, schedule and ensure the smooth operation and optimal patients care.

2.Patient centred care:

- Observe how Fortis emphasizes patient needs and preferences in healthcare decision-making and delivery.

3.Quility Improvement:

- Explore how Fortis implements quality improvement methodologies to enhance healthcare services and patient outcomes.

4.Healthcare Ethics:

- Observe the application of ethical principles, including confidentiality, informed consent, and respect for patient autonomy.

5.Health Information Management:

- Explore how Fortis handles health information, including electronic health records, to ensure accuracy, privacy, and accessibility.

6.Strategic Management:

- Explore how Fortis aligns its organizational strategy with healthcare goals, community needs, and regulatory requirements.


7.Patient Safety:

- Investigate measures in place to ensure patient safety, including protocols for error reporting, infection control, and risk management.

8.Cost Effectiveness:

- Understand strategies employed by Fortis to provide cost-effective healthcare services without compromising quality.

9.Community Health :

  
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- Explore Maharaja Agarsain Hospital- ' engagement with the local community, including health promotion, preventive care, and community outreach programs.

These theoretical concepts provide a framework for understanding the various aspects of healthcare delivery, management, and ethical considerations that may be observed during a field visit to Maharaja Agarsain Hospital.


  
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School of Medical & Allied Sciences (SMAS)

<b>Name of the Student</b>	Kuldeep Yadav
<b>Course:</b>	Diploma in Pharmacy
<b>Academic Year of the Student:</b>	2023-2024
<b>Roll no.</b>	2304310032
<b>Name of the Subject:</b>	Social Pharmacy ER20-15P
<b>Name &amp; full address of the organization visited:</b>	ST. Stephens hospital in S-Block Nathupur Gurgaon, Haryana-122002
<b>Date and Duration of Visit:</b>	02-12-2023 Duration: 10:00 AM to 12:30 PM
<b>Name &amp; Designation of the Evaluator:</b>	Ms. Meher Priya Sharma , Assistant Professor
<b>Signature of the Evaluator with Date:</b>	 05/12/23



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Sector Road, Gurugram, (Haryana)



## **Title: ST. Stephens Hospital - Field Visit**

### **Primary HealthCare Centre**

#### **Objectives-**

1. To know about the Hospital Infrastructure, working, facilities, equipments etc.
2. Communicate with Doctors, Nurses and other health professionals
3. Gather feedback from patients, to understand their experience, satisfaction levels, and any areas that require improvement in terms of service, care, or facilities.
4. Ensure the hospital adheres to regulatory standards, safety protocols, and legal requirements concerning patient care, documentation, and overall operations.
5. I can share what i have learned from this field visit within my community
6. To observe carefully on the working of the hospital for the welfare of the patients

#### **Prior preparation of the student for the field visit-**

1. Researching the Hospital location and plan properly about Field visit
2. Get permission from the hospital for my field visit and ask them if I'm allowed to get feedbacks from the patients there and communicate with the faculties
3. To know about the hospital rules for the visitors
4. Visit on the day when there is less chances of rush in the hospital
5. Should take cautions and do not disturb patients there
6. Formulate questions related to the visit's objectives. It will help in engaging with them
7. Aware of any health or safety precautions necessary for the visit.

#### **The general experiences during the field visit-**

1. I observed basic medical procedures, diagnostic tests, or screenings conducted at the center. This can include observing vaccinations, basic laboratory tests, or wound dressing procedures.
2. Observed the utilization of resources, including medical supplies, equipment, and human resources, provides insights into challenges related to resource allocation and management in primary healthcare settings.



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3. It gives me new experiences and increase my interest and engagement in science regardless of prior interest in a topic.

4. Gained insights into the importance of preventive healthcare through discussions on vaccination programs, maternal and child health, family planning services, nutrition advice, and health education

#### **The theoretical concept that is correlated during The field visit are-**

- During the field visit of St Stephen's Hospital. I observed various types of theoretical concepts that are correlated with the practical aspects of health care management and delivery .

##### **1.Healthcare operations management:**

- Operations management in health care understand that how the hospital manages it's resources, schedule and ensure the smooth operation and optimal patients care.

##### **2.Patient centred care:**

- Observe how Fortis emphasizes patient needs and preferences in healthcare decision-making and delivery.

##### **3.Quility Improvement:**

- Explore how Fortis implements quality improvement methodologies to enhance healthcare services and patient outcomes.

##### **4.Healthcare Ethics:**

- Observe the application of ethical principles, including confidentiality, informed consent, and respect for patient autonomy.

##### **5.Health Information Management:**

- Explore how Fortis handles health information, including electronic health records, to ensure accuracy, privacy, and accessibility.

##### **6.Strategic Management:**

- Explore how Fortis aligns its organizational strategy with healthcare goals, community needs, and regulatory requirements.

##### **7.Patient Safety:**

- Investigate measures in place to ensure patient safety, including protocols for error reporting, infection control, and risk management.

##### **8.Cost Effectiveness:**



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- Understand strategies employed by Fortis to provide cost-effective healthcare services without compromising quality.

#### 9. Community Health :

- Explore Fortis' engagement with the local community, including health promotion, preventive care, and community outreach programs.

These theoretical concepts provide a framework for understanding the various aspects of healthcare delivery, management, and ethical considerations that may be observed during a field visit to St Stephen's Hospital.



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# K.R. MANGALAM UNIVERSITY

## THE COMPLETE WORLD OF EDUCATION

School of Medical & Allied Sciences (SMAS)

<b>Name of the Student</b>	Ashish Kumar Jha
<b>Course:</b>	Diploma in Pharmacy
<b>Academic Year of the Student:</b>	2023-24
<b>Roll no.</b>	2304310033
<b>Name of the Subject:</b>	Social pharmacy (ER20-15T)
<b>Name &amp; full address of the organization visited:</b>	FORTIS HOSPITAL NEAR HUDA METRO SECTOR 45 KANHAI COLONY GURGAON
<b>Date and Duration of Visit:</b>	07-12-2023 Duration: 10:00 AM to 12:30 PM
<b>Name &amp; Designation of the Evaluator:</b>	MS MEHER PRIYA Assistant Professor

A handwritten signature in blue ink, appearing to be "Jha", is written above the Registrar's name.

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K.R. Mangalam University  
Sohna Road, Gurugram, (Haryana)



<b>Signature of the Evaluator with Date:</b>	
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**Title: Fortis Hospital Near Huda Near metro Sector 45 kanhai colony Gurugram, Field visit**

• **Primary Health care centre**

**Objectives:**

- Understanding health care operations.
- Quality and safety standards.
- Patient care process.
- Medical technology and Equipment.
- Hospital management and administration.

**Prior preparation for the field visit:**

1. Appointment: Schedule an appointment in advance if it's for a specific medical concern or consultation to ensure timely and efficient service.
2. Documents: Bring relevant documents such as ID, insurance card, medical history, and any referral letters.
3. Questions: Prepare a list of questions for the healthcare provider to ensure clarity about your condition, treatment, or any concerns you may have.



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4. Necessary Items: If you anticipate a longer stay, bring comfort items like a book or electronic device.
5. Follow Guidelines: Follow any specific instructions provided by the hospital, such as fasting requirements for certain tests.
6. COVID-19 Protocols: Be aware of any COVID-19 protocols or requirements in place, such as mask-wearing or testing.

**General experience during the field visit:**

During a field visit to Fortis Hospital, individuals will experience a well-equipped and modern healthcare facility. The general experience may include:

1. Professional Staff: Expect interactions with qualified and professional healthcare professionals committed to patient care.
2. Clean Environment: Fortis hospitals typically maintain a clean and hygienic environment to ensure patient well-being.
3. Advanced Facilities: Fortis is known for its advanced medical equipment and facilities, contributing to comprehensive healthcare services.

  
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4. **Patient-Centric Approach:** The hospital often prioritizes a patient-centric approach, aiming to address individual healthcare needs with empathy.
5. **Efficient Services:** Fortis hospitals strive to provide efficient services, from appointment scheduling to diagnostic procedures and treatments.
6. **Clear Communication:** Patients usually appreciate clear communication from doctors and staff regarding their conditions, treatment plans, and any necessary follow-up.

### **Theoretical concepts that is correlated during the field visit:**

- During the field visit of Fortis Hospital. I observed various types of theoretical concepts that are correlated with the practical aspects of health care management and delivery .

### **1. Healthcare operations management:**

- Operations management in health care understand that how the hospital manages it's resources, schedule and ensure the smooth operation and optimal patients care.

### **2. Patient centred care:**

- Observe how Fortis emphasizes patient needs and preferences in healthcare decision-making and delivery.

### **3. Quility Improvement:**

  
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- Explore how Fortis implements quality improvement methodologies to enhance healthcare services and patient outcomes.

#### **4. Healthcare Ethics:**

- Observe the application of ethical principles, including confidentiality, informed consent, and respect for patient autonomy.

#### **5. Health Information Management:**

- Explore how Fortis handles health information, including electronic health records, to ensure accuracy, privacy, and accessibility.

#### **6. Strategic Management:**

- Explore how Fortis aligns its organizational strategy with healthcare goals, community needs, and regulatory requirements.

#### **7. Patient Safety:**

- Investigate measures in place to ensure patient safety, including protocols for error reporting, infection control, and risk management.

#### **8. Cost Effectiveness:**

- Understand strategies employed by Fortis to provide cost-effective healthcare services without compromising quality.

#### **9. Community Health :**

- Explore Fortis' engagement with the local community, including health promotion, preventive care, and community outreach programs.

These theoretical concepts provide a framework for understanding the various aspects of healthcare delivery, management, and ethical considerations that may be observed during a field visit to Fortis Hospital.

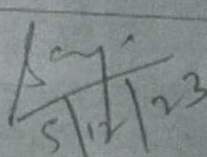
  
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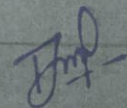




**K.R. MANGALAM UNIVERSITY**  
THE COMPLETE WORLD OF EDUCATION

School of Medical & Allied Sciences (SMAS)

<b>Name of the Student</b>	Kumar Raj
<b>Course:</b>	Diploma in Pharmacy
<b>Academic Year of the Student:</b>	2022-2024
<b>Roll no.</b>	2304310016
<b>Name of the Subject:</b>	Pharmacognosy ER20-13P
<b>Name &amp; full address of the organization visited:</b>	Herbal Garden, K.R. Mangalam University Sohna Road, Gurugram, Haryana 122103 Sohna Rural
<b>Date and Duration of Visit:</b>	29-11-2023 Duration: 10:00 AM to 12:30 AM
<b>Name &amp; Designation of the Evaluator:</b>	Dr. Saroj Yadav, Associate Professor
<b>Signature of the Evaluator with Date:</b>	 5/12/23



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FIELD VISIT:  
HERBAL GARDEN AT K.R.MANGALAM.UNIVERSITY

**Name of the College:** K.R Mangalam University

**Name of the Student:** KUMAR RAJ

**Academic Year of the Student:** 2023-2025

**Name of the Subject:** Pharmacognosy

**Name & full address of the organization visited:** Herbal Garden, K.R. Mangalam University Sohna Road, Gurugram, Haryana 122103 Sohna Rural

**Date and Duration of Visit:** 04-12-23 2HRS

**Name & Designation of the Evaluator:** DR.SAROJ YADAV

**Objectives set for the field visit:**

1. To study about the morphological character of the medicinal plants
2. To study about the biological source of the medicinal plants
3. To study about the active chemical constituents of the medicinal plants
4. To study about the uses of the medicinal plants

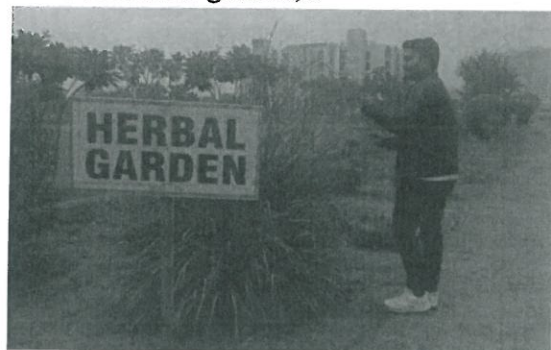
**Prior preparation for the field visit:**


Before going on the field visit to study medicinal plants in the botanical garden, a good thorough preparation is essential. Begin by researching the specific medicinal plant species present, their biological source, morphological character, uses, chemical constituent etc for the further study. Familiarize with pharmacognosy principles to understand the bioactive plants and species you may encounter. Equip yourself with appropriate tools for collection, such as plant identification guides, notebooks, and camera equipment. Communicate with the garden staff to gain insights and coordinate access to specific areas of the garden. Lastly, prepare a data collection plan outlining key objectives and methods, ensuring a systematic and efficient approach to maximize the value of the field visit.

**General experiences during the field visit:**

During a field visit we focused on studying medicinal plants in a botanical garden, I experienced a rich and immersive journey. It was an amazing experience that I want to absorb again. The natural surroundings made me really feel connected to all the different plants through what I saw, smelled, and touched. The environment there was fresh and healing. Being hands-on with the plants helped me understand them much better practically.

Talking to the garden staff and experts was also a big part of my learning, especially my Pharmacognosy teacher Dr. Saroj Yadav who taught us about the different plants and their various characteristics that really helped me gain more interest in medicinal plants. My favourite part was studying about the aloe vera plant.



  
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FIELD VISIT:  
HERBAL GARDEN AT K.R.MANGALAM.UNIVERSITY

In short, the field trip was a complete experience. It combined what I learned in books with real-life situations.

**Learning points: theoretical concept that is correlated during the field visit.**

We studied about various medicinal plants including caron Seed, banana, pomegranate, aloe vera and many others.

Certainly, let's expand on the information:

### 1.CARON SEED:

Biological Source:

Carom seeds come from the plant \*Trachyspermum ammi\*

Family:Apiaceae

Morphology:

The plant is characterized by slender, branched stems with bipinnate leaves. Its small, white flowers are arranged in umbels. The seeds are found within the tiny, oval, and brownish fruits.



Chemical Constituents:

Carom seeds contain various chemical constituents, with thymol being a major component of its essential oil. Other constituents include p-cymene, terpinene, and limonene, contributing to the characteristic aroma and potential therapeutic properties..

Uses:

Carom seeds are widely used as a spice in Indian cuisine, adding a distinct flavor to dishes.

Traditional medicine, particularly Ayurveda, employs carom seeds for their digestive and carminative properties.

### 2.Banana


Botanical Source- Musa acuminata and Musa balbisiana

- Family: Musaceae

Morphological Characteristics:

- Plant Type: Herbaceous, perennial
- Leaves: Large, broad, and spirally arranged
- Stem: Pseudostem (false stem) composed of tightly packed leaf bases
- Flowers: Terminal inflorescence with colorful bracts and tubular flowers
- Fruits: Berries with a protective peel, typically yellow when ripe



  
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Chemical Constituents:

- Carbohydrates: Mainly sugars, especially fructose and glucose
- Vitamins: Rich in vitamin C and B-complex vitamins
- Minerals: Contains potassium, magnesium, and trace amounts of other minerals
- Dietary Fiber: Good source of dietary fibre

Uses:

1. Food: Eaten fresh as a fruit or used in various culinary preparations.
2. Nutritional Supplement: Provides essential vitamins and minerals, especially for potassium and vitamin C.
3. Medicinal Purposes: Used in traditional medicine for various health benefits, such as promoting digestion and relieving gastrointestinal issues.

### 3.Pomegranate

Botanical source- *Punica granatum*

- Family: Lythraceae

Morphological Characteristics:

- Plant Type: Small deciduous tree or shrub
- Leaves: Glossy, narrow, lance-shaped leaves
- Flowers: Bright red or orange, tubular, usually with five to eight petals
- Fruits: Large, round berries with a thick, leathery skin (pericarp) and many seeds (arils) inside



Chemical Constituents:

- Polyphenols: Rich in antioxidants, including punicalagins and anthocyanins
- Vitamins: High in vitamin C and some B vitamins
- Minerals: Contains potassium and other minerals
- Dietary Fiber: Good source of both soluble and insoluble fiber

Uses:

1. Juice: Pomegranate juice is popular for its rich taste and potential health benefits.
2. Medicinal Purposes: Traditional medicine uses include anti-inflammatory properties and potential cardiovascular benefits.

  
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3. Cosmetics: Extracts from pomegranate are used in skincare products due to their antioxidant properties.

#### 4.Aloe vera

Botanical source- dried latex of leaves of it

- Family: Asphodelaceae (formerly Liliaceae)

Morphological Characteristics:

- Plant Type: Succulent perennial with thick, fleshy leaves
- Leaves: Rosettes of long, pointed, succulent leaves with serrated edges
- Colour: Green to Gray green, with a gel-filled interior
- Flowers: Tubular, yellow or orange flowers on a tall spike



Chemical Constituents:

- Aloe Vera Gel: Contains water, polysaccharides, glycoproteins, enzymes, vitamins (A, C, E, B12), and minerals (calcium, magnesium, zinc).
- Latex (from leaf skin): Contains compounds like aloin with laxative properties.

Uses:

1. Topical Application: Aloe vera gel is applied to the skin for its soothing and moisturizing properties. It is commonly used to treat sunburns, wounds, and skin irritations.
2. Cosmetic Industry: Aloe vera is used in various skincare and hair care products due to its hydrating and anti-inflammatory properties.
3. Oral Consumption: Aloe vera juice or supplements are sometimes consumed for potential digestive benefits, though the laxative effect of the latex must be considered.
4. Traditional Medicine: In traditional medicine, aloe vera has been used for various health issues, including digestive disorders.

  
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# K.R. MANGALAM UNIVERSITY

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School of Medical & Allied Sciences (SMAS)

<b>Name of the Student</b>	Sanjit Kumar Yadav
<b>Course:</b>	Diploma in Pharmacy
<b>Academic Year of the Student:</b>	2022-2024
<b>Roll no.</b>	2204310020
<b>Name of the Subject:</b>	Community Pharmacy and Management
<b>Name &amp; full address of the organization visited:</b>	Dev Medical Store Sohna Dhani Gurugram 122103
<b>Date and Duration of Visit:</b>	29-11-2023 Duration: 10:00 AM to 12:30 AM
<b>Name &amp; Designation of the Evaluator:</b>	Ms. Meher Priya Sharma Assistant Professor SMAS, K. R. Mangalam University
<b>Signature of the Evaluator with Date:</b>	<i>Meher Priya</i> <u>05/12/2023</u>

*JmD*  
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## OVER THE COUNTER MEDICATION

### Objectives:

- i. To know about names of Over the Counter (OTC) medicinal products sold by the Community Pharmacist.
- ii. Commonly used medicinal products by the public
- iii. Which OTC medicines have high demand now a days

### Prior preparation for the Field visit (minimum 100 words)

As my objectives were set to know about over the counter (OTC) medicines and products sold by a community pharmacist running a medical store, I planned to visit a pharmacy store located in Sohna, Gurugram. I prepared myself with a set of questions to be asked to the community pharmacist.

The questions were as following:

1. What category of drugs do you sale as over the counter (OTC) drugs?
2. What OTC medicines do you have in store?
3. Which OTC medicines do you commonly sale?
4. Which OTC medications have most demand now a days?
5. Do people come with prescription or without prescriptionfor taking OTC medicines ?

I took my apron, a diary and a pen and moved out to find a nice pharmacy store in Sohna. I knew that there are many pharmacy stores located inSohna market, but I picked the medical store located nearest to my residence. I visited:

Dev Medical Store

SohnaDhani, Gurugram- 122103



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### **General experiences during the field visit (minimum 300 words)**

I visited Dev Medical store located in Sohna Dhani village, Gurugram- 122103. I met the person at the counter. His name was Satpal. He welcomed me with a warm smile.

I told him my purpose that as a pharmacist, I wanted to have a small survey on OTC drugs sold by this medical store.

Satpal, the person at the counter was a pharmacist. He asked about the pharmacy course and the name of the institute from which I am pursuing the course.

He was very happy to know that I am pursuing a Diploma course in pharmacy from KR Mangalam University. He agreed to answer my questions. He was very co-operative and answered to all my questions. He informed that most of the people come with prescriptions. However, some people also come without prescriptions and seek medications complaining about their health issues.

He explained me how he deal with such cases. He goes through the past medical history of the patient and acknowledge the medicines the patient is taking currently. If no significant problem is found in the past medical history of the patient and he is not taking such medicines which can produce side effect or adverse drug reactions with newer drugs, then only the pharmacist provides the patient OTC medications for common health problems; such as cough, headache, constipation on general weakness etc.

The pharmacist also informs the patient about

- Timing of dosage
- Route of dosage
- Precautions to be taken for quick recovery and to avoid side effects.
- Revisit, if the problem is not healed.

  
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**Learning Points:** (minimum 300 words)

In this field visit, I got answers to my queries about OTC medications. I noted down some popular drug products which come under different types of drug and can be provided as OTC medicines.

<b>Drug</b>	<b>Category/Uses</b>	<b>Brand Names</b>
Chlorohexidine	Gingivitis, for mouth wash	Sensodyne, Colgate (Max Fresh)
Paracetamol	Headache, Bodyache	Saridon, Crocin, Calpol
Diclofenac cream gel	Analgesic	Volini, Omnigel, Iodex
Calamine lotion	Antiseptic	Lacto calamine
Bisacodyl tablet	Laxative	Dulcolax
Ketoconazole	Antifungal	Ketonol shampoo
Xylometazoline HCl	Nasal Decongestant	Otrivin
Diphenhydramine Capsule	Antihistamine, Antiallergic	Benadryl Allergy
Dextromethorphan HBr	Cough	Benadryl DR
Providone Iodine	Antiseptic & Disinfectant	Bevodine
Clotrimazole cream	Antifungal	Candid cream
Lactulose solution	Laxative	Free lac Oral solution
Oxymetazoline Nasal solution	Nasal Decongestant	Noxil

**Other Medicinal products at the store:**

I also found some other medicinal products available at the store, which were in high demand. Many of them can be sold generally like OTC medicines.

Some of them are mentioned below:

**Nutritional drinks:**

- i. Horlicks
- ii. Complan
- iii. Bournvita

**Immunity boosters:**

- Dabur
- Revital (Multivitamins and minerals)
- Aristoplex (Vitamin B complex syrup)

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**Protein supplements:**

- Endura mass
- Protinex
- Patanjali Nutrela weight gain

**Baby care products:**

- Mama earth soothing massage oil
- Vicks baby rub lotion
- Himalaya gentle baby soap
- Nestle cerelac
- Gripe water
- Mamy poko pants
- Huggies

**Women Care products:**

- Stayfree sanitary pad
- Whisper
- Veet pure hair removal cream
- Prega News pregnancy test kit
- i-Pill daily (Oral contraceptive)
- V care facial cream
- Nutriglow facial cleaner

**Hair care products:**

- Mama earth Rosemary antihair fall
- L'oreal Paris conditioner
- Plum onion & Bhringraj hair growth oil
- Dove intense repair conditioner
- Zandu hair growth vitalizer

**Skin care products:**

- Garnier skin naturals
- Olay retinol 24 cream



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- L'oreal Revitalift
- POND's Bright beauty

**Sanitizers & Handwash:**

- Dettol liquid handwash
- Herbal strategi nature rinse
- Savlon double strength hand wash
- Himalaya pure hands

**Ayurvedic products:**

- Dabur Ashokarisht
- Dabur Dashmularista
- Hempushpa syrup
- Jiva Shatabri tablet
- Himalaya evecare syrup
- Himalaya Liv 52
- Kayamchurna
- Sat-isabgol
- Zandu nityam
- Zandu Pancharist
- Dabur Hajmola

**Others:** Surgical mask, N95 mask, Nebulizers, Condoms, Bandages, Sugar free powder and tablets etc

The pharmacist informed me that as the winter season is going on, medicines like cough syrups & tablets and paracetamol preparations were in high demand.

The field visit was very learning and informative experience. I expressed high gratitude to Mr. Satpal before leaving the medical store.

  
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