



**Anwarul Uloom College (Autonomous)**

(Affiliated to Osmania University)

**Accredited with A+ Grade by NAAC**

New Mallepally, Hyderabad- 500001, T.S., India.

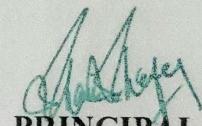


## **DEPARTMENT OF BIOTECHNOLOGY**

### **Circular**

**Date: 3<sup>rd</sup> February 2025**

Department of Biotechnology, Anwarul Uloom College is organizing a “**Field Trip**” to Wonderla on 12<sup>th</sup> February 2025. Students are encouraged to enroll themselves for the trip. For further details contact the Biotechnology Department.



**PRINCIPAL**

### **Copy to**

1. Honorable Chairman/secretary
2. Director
3. Principal office
4. CC- HODs
5. Exam Branch
6. Library



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New Mallepally, Hyderabad – 500001, T.S., India.



8<sup>th</sup> Feb 2024

## PROGRAM REPORT

**Program Name:** Field Trip

**Date of activity:** 12<sup>th</sup> February 2025

**Venue:** Wonderla, Raviryal, Hyderabad

**Organizing Department:** Department of Biotechnology

**Number of Participants:** 100

### Objective of the Program:

1. Recreation and enjoyment: One of the main objectives of taking students on a field trip is to provide them with a fun and enjoyable experience outside the classroom. It can serve as a break from the routine of classroom learning and provide an opportunity for students to relax and rejuvenate.
2. Socialization and team building: A field trip can also help students socialize and build relationships with their peers and teachers. It can help create a sense of community and promote teamwork and collaboration.
3. Exposure to nature: A field trip can also provide students with an opportunity to connect with nature and learn about the environment. They can observe and appreciate the beauty of nature and learn about the flora and fauna of the area.
4. Educational value: A field trip can also be used as an educational tool, where students can learn about history, culture, and geography by visiting historical sites, museums, or cultural events.

### Topics Covered:

- Recreation
- Socializing
- Motivation



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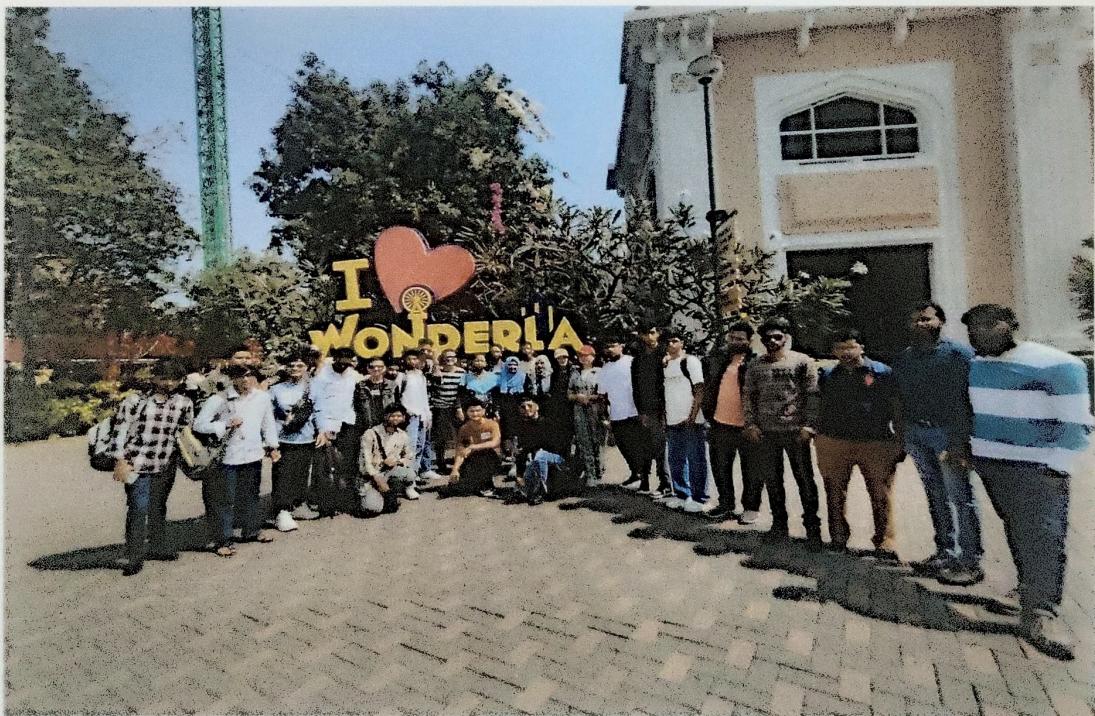
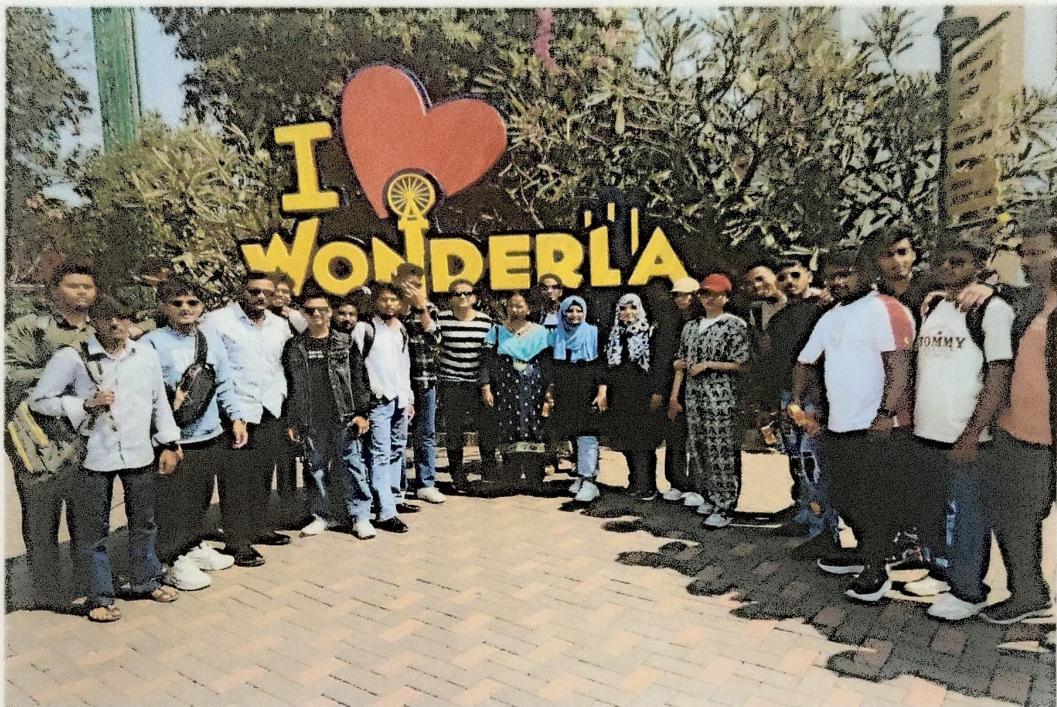
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12<sup>th</sup> February 2025





## Anwarul Uloom College (Autonomous)

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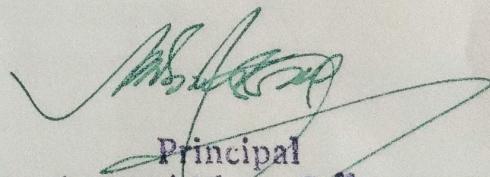
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### Outcome of the Program:

1. Increased engagement and motivation: An enjoyable and engaging experience like a Field trip can motivate students to participate more actively in the classroom and school activities.
2. Improved relationships and communication: A Field trip can help break down barriers and promote positive relationships and communication between students and teachers. It can help build trust and respect, leading to a more positive classroom environment.
3. Improved mental and physical health: A field trip can also promote mental and physical health by providing students with an opportunity to be active, socialize, and relax in a natural setting.
4. Enhanced learning: A well-planned field trip that incorporates educational activities can enhance learning by providing students with hands-on experiences that can reinforce classroom learning and spark their curiosity and interest in a subject.



Principal  
Anwarul Uloom College  
(Autonomous)  
New Mallepally, Hyd-01.



Date:

ATTENDANCE SHEET

S.No.	Name of the Student	Department	Signature
1.	MD. MAAZ HUSSAIN	Biotech	Maaz
2.	Shaukat Zubair ali	Biotech	Zubair
3.	ESSA BIN ABDI	Biotech	Essa
4.	M. Saeed	Biotech	M. Saeed
5.	Mohammed Abdul Bari	Biotech	Bari
6.	Ameena Fatima	Biotechnology	Ameena fatima
7.	Shaukat Ameena Begum	Bio-technology	Shaukat
8.	Siddiqua Fatima	Biotechnology	Siddiqua
9.	Shaiista Begum	Biotechnology	Shaiista
10.	Anoora Fatima	Biotechnology	Anoora
11.	Syeda Sharia fatima	Biotechnology	Sharia
12.	Mehar Unnisa	Biotech	Mehar
13.	Nashra Parveen	Biotech	Nashra
14.	Zainab fatima	Biotechnology	Zainab
15.	Asiya Begum	Biotechnology	Asiya
16.	Deeba Amal	Biotechnology	Deeba
17.	Shafiyah Kashaf	Biotechnology	Shafiyah Kashaf
18.	Syeda Suhana	Biotech	Suhana
19.	Nafees Fatima	Biotechnology	Nafees
20.	Najya Fatima	Biotechnology	Najya
21.	Khaseem fatima	Biotechnology	Khaseem
22.	Mohammed Affan Inayath	Biotechnology	Affan
23.	MD. Ali Waseem	Biotech	Ali
24.	SABA MEEVEEN	Biotech.	Saba Meeven
25.	Uffath Zainab	Biotech	Uffath
26.	M.D. Bush	Biotech	Bush
27.	Mohd MUSTAFA Ahmed	Biotech	Mustafa

	Name	Dept	St
28	Mirza Ahmed Mujtaba Ali Baig	MSc. Biotechnology	Ali
29	Shah Quddus Ullah Ali	MSc. Biotechnology	Quddus
30	Syed Muttahid Ali	MSc. Biotechnology	Muttahid
31	MIRZA SHOUKATH ALIBAIG	MSc Biotechnology	
32	Sayyada Arsheen	M.Sc Biotechnology	Arshen
33	Khadeeja Fakhruddin	M.Sc Biotechnology	Khadeeja
34	Hanaa Sadat	M.Sc Biotechnology	Hanag
35	Zeba Rehan	M.Sc Biotechnology	Zeba Rehan
36	Nisba Fatima	M.Sc Biotechnology	Nisba
37	Neda Mughlader	M.Sc Biotechnology	Neda
38	Anna Noorine	MSc Biotechnology	Anna
39	Juneera Begum	MSc Biotechnology	Juneera
40	Mahwish Fatima	MSc Biotechnology	Mahwish
41	Sara Syed Resheed Syed	M.Sc Biotech	Sara
42	MASARATH FATIMA	M.Sc Biotech	Masarath
43	Zainab Mujeeb	M.Sc Biotech	Zainab
44	Fouzia Begum	M.Sc Biotech	Fouzia
45	Syeda Maria Hussain	M.Sc Biotech	Maria
46	SABA MEHVEEN	M.Sc. Biotech	Saba Mehveen
47	Ayesha Fatima	M.Sc. Biotech	Ayesha
48	Mehrish Khan	MSc Biotech	Mehrish
49	Nabila Fatima	MSc Biotech	Nabila Fatima
50	Ayesha Fatima	MSc Biotech	Ayesha
51	Fariyyal Hussain	MSC Biotech	Fariyyal
52	Raghda Ara	M.Sc. Biotech	Raghda
53	Saniya Tasleem	M.Sc. Biotech	Saniya
54	Bushra Timaan	M.Sc. Biotech	Bushra
55	Roshny Jangum	M.Sc. Biotech	Roshny
56	Samreen Sultana	M.Sc Biotech	Samreen
57	Shifa Ansari	M.Sc Biotech	Shifa
58	Mohammed Faisal	B.Sc Biotech	Jasif
59	Sara Begum	M.Sc. Biotech.	Sara

60	Sara Fatima	Biotechnology	<u>Fatima</u>
61	Syeda Ameera Razi	Biotechnology	<u>Razi</u>
62	Akther Jahan muthar	Biotechnology	<u>Akther</u>
63	Irfaan Siddiqua	Biotechnology	<u>Irfaan</u>
64	Naaz fatima	Biotechnology	<u>Naaz</u>
65	HAFSA FATHIMA .k	BIO TECHNOLOGY	<u>Hafsa .k</u>
66	Sidra Hamed	Biotechnology	<u>Hamed</u>
67	Sameera Fatima	Biotechnology	<u>Sameera</u>
68	Syeda Noorunnissa khaw	MSc Biotechnology	<u>Syeda</u>
69	Rehan Yernal	MSc. Biotech.	<u>Rehan</u>
70	Saad ahmed sabri	M.Sc . Biotech	<u>Sabry</u>
71	mohd ISMAIL	M.S.C Biotech	<u>Amir</u>
72	Bafi -al -Oadie	M.Sc Biotech	<u>Bafi</u>
73	Mohd Nasrullah Saasir	MSc Biotech	<u>Nasrullah</u>
74	Mohammed Rafay-us-Zahman	MSc Biotech	<u>Rafay</u>
75	Fathima Zahra	MSc Biotech	<u>Zahra</u>
76	Zohra Mahveen	M.Sc Biotech	<u>Zohra</u>
77	Mukarram Maheen	MSC Biotech	<u>Mukarram</u>
78	Adiba Fatima	Msc Biotech	<u>Adiba</u>
79	Kehkashan Begum	BSC Biotech	<u>Kehkashan</u>
80	Sirah Fatima	BSC Biotech	<u>Sirah</u>
81	Sadiya Ameen	Bsc Biotech	<u>Sadiya</u>
82	Saniya Ahmed	Bsc Biotech	<u>Saniya</u>
83	Sare Begum	M.Sc Biotech	<u>Sare</u>
84	Mohd Muzammal Ali	Biotechnology	<u>Muzammal</u>
85	Maleek Azeez	Biotechnology	<u>Azeez</u>
86	Syed Sohaib Ali	Bsc Biotech	<u>Sohail</u>
87	Mohammed Umair Ali	Biotechnology	<u>Umair</u>
88	Syeda sneesa fatima	Biotech	<u>Sneesa</u>
89	MD. FAHADUDDIN	Biotechnology	<u>Fahad</u>
90	Md. Sulaiman	Biotech	<u>Sulaiman</u>
91	Syeda Maheen	Biotech	<u>Maheen</u>

Name	Dept	21/07/2023
92 MOHAMMED Abdul Salam	biotech	Abdul Salam
93 Qutubuddin	Biotech	Qutubuddin
94 MD. Rizwan	Biotech	Rizwan
95 Md. Obaid	Biotech	Obaid
96 Sameer Khalid	Biotech	Sameer Khalid
97 MD. MAZHAR	Biotech	Mazhar
98 mohd. Fasi	Biotech	Fasi
99 Md. Taufeeq	Biotech	Taufeeq
100. MUJABA AZAM	Biotech	Mujaba Azam

**ANWARUL ULOOM COLLEGE**

**Report on**  
**Field Visit to the Botanical Garden**  
**At**  
**Vikarabad**  
**Submitted by**  
**Department of Botany**  
**HOD**  
**Dr. Bibi Hafsa Azra & Staff**



**Date of Visit: 01-10-2024**

**Submission Date: 03-10-2024**

### **Purpose of the Visit**

The primary objective of this field visit to the botanical garden was to observe, explore, and study various plant species in their natural and cultivated environments. This visit also provided an opportunity to initiate research projects on selected plants.

**Participants:** Faculties, UG, and PG students participated in the field visit to enhance their knowledge and broaden their understanding.

### **Tour and Observations**

- ❖ We have observed a wide variety of plants in the garden, including ornamental, fruit-bearing, medicinal, and a few economically significant varieties.
- ❖ We particularly enjoy the vibrant caladium plants that draw in students, and we have also been to the Napier grass field.

### **Collection of samples**

The students gathered soil, water, and plant cuttings during the field visit, which will be examined in the lab to study the bioactive compounds in the plants. This research assesses how environmental conditions like soil composition and water quality impact plants' ability to produce these compounds. After analyzing the bioactive components, the focus will shift toward applying nanotechnology to enhance the plants' characteristics, optimizing their benefits for various applications, such as agriculture and medicine. The ultimate goal is to improve the quality of these plant varieties and increase their bioactive potential.

List of the plants

S.No	Common Name	Scientific Name	Family
1.	Elephant Ear/ Heart of Jesus	<i>Caladium bicolor</i>	Araceae
2.	Napier Grass	<i>Pennisetum purpureum</i>	Poaceae
3.	Teak	<i>Tectona Grandis</i>	Lamiaceae
4.	Rose	<i>Rosa rubiginosa</i>	Rosaceae
5.	Hibiscus	<i>Hibiscus rosa sinensis</i>	Malvaceae
6.	Madagascar Almond	<i>Terminalia mantaly</i>	Combretaceae
7.	Thai Champa	<i>Plumeria pudica</i>	Apocynaceae
8.	Chinese evergreen	<i>Aglaonema</i>	Araceae
9.	Areca palm	<i>Chrysalidocarpus lutescens</i>	Areaceae
10.	Eastern White Cedar	<i>Thuja occidentalis</i>	Cupressaceae
11.	Spiral ginger	<i>Costus spiralis</i>	Costaceae
12.	Red flag bush (Red)	<i>Mussaenda erythrophylla</i>	Rubiaceae
13.	Queen Sirikit (Light Pink)	<i>Mussaenda philippica</i>	Rubiaceae
14.	Jasmine	<i>Jasminum officinale</i>	Oleaceae
15.	Fishtail sword fern	<i>Nephrolepis falcata</i>	Nephrolepidaceae
16.	Trumpet creeper	<i>Campsis radicans</i>	Bignoniaceae
17.	Bougainvillea	<i>B. glabra</i>	Nyctaginaceae
18.	Schefflera green	<i>Heptapleurum arboricola</i>	Araliaceae
19.	Schefflera arboricola	<i>Heptapleurum arboricola</i>	Araliaceae
20.	Garden Croton	<i>Codiaeum variegatum</i>	Euphorbiaceae
21.	Ficus panda	<i>Ficus retusa</i>	Moraceae
22.	Australian Brush Cherry	<i>Syzygium formosanum</i>	Myrtaceae
23.	Giant Sword Fern	<i>Nephrolepis biserrata</i>	Nephrolepidaceae
24.	Wild plantain	<i>Heliconia dasyantha</i>	Heliconiaceae

**Proposed Research Projects**

S.No	Faculty Name	Proposed research titles
1.	Dr. Hafsa Azra	<p>1. Measure the <b>microbial activity</b> in the soil around the Galadium plants, which can influence their development and health.</p> <p>2. <b>Effect of Nanofertilizers on Biomass Production:</b> Compare the growth of Napier grass treated with conventional fertilizers and nanofertilizers. Measure plant height, biomass, and chlorophyll content.</p>
2.	Dr. Sadia Fatima	An evaluation of ethnomedicinal studies and HPLC analysis of <i>Averrhoa bilimbi</i> L.
3.	Syeda Maimona Hussain	Effects of molasses and urea in the growth of Napier Grass
4.	Dr. Sumera Nazneen	<p>1. Spectral Analysis of flowers of <i>Mussaenda erythrophylla</i> and <i>Mussaenda philippica</i></p> <p>2. Green synthesis of starfruit-based nanoparticles and its characterization.</p>
5.	Mrs. Ruksana Naushad	Evaluation of <i>Cajanus cajan</i> (Toor Daal) Leaf Extracts as Natural Pesticides for Sustainable Agriculture
6.	Mrs. Nazneen Begum	<p>Phytochemical Analysis and Antioxidant Activity of Starfruit.</p> <p>Assessment of Soil and Water Quality in the Botanical Garden for Sustainable Plant Growth</p>

## Importance

1. **Aesthetic and Ornamental Value:** Caladiums are highly sought after for decorative purposes, both indoors and outdoors. They add a splash of colour to gardens, offices, and homes.
2. **Air Purification:** Like many houseplants, they can help improve air quality by removing toxins and releasing oxygen.
3. **Ecological Benefits:** In their native tropical environments, Caladiums contribute to biodiversity by providing habitats and food sources for insects.

## Research Projects

### Non-Invasive Imaging Studies

- Imaging technologies like NDVI (Normalized Difference Vegetation Index) or multispectral analysis can be used to study leaf health, pigmentation patterns, and photosynthesis efficiency without physical damage to the plant.
- **Time-lapse photography** can track growth patterns, leaf colour changes, and environmental interactions over time.

### Soil and Nutrient Studies:

- Research how different types of **fertilizers**, **soil composition**, or **pH levels** affect growth, colour vibrancy, and overall plant health.
- Measure the **microbial activity** in the soil around the plants, which can influence their development and health.

### Environmental Influence Research

- Study the effect of **light intensity** and **humidity** on the patterns and colours of the leaves. We can experiment with artificial lighting (UV, LED) and record changes without touching the plant.
- Research the effect of **temperature** variations on their growth, assessing whether they thrive more in cooler or warmer climates without disturbing the plants.

### Tissue Culture and Propagation:

- Instead of plucking leaves, consider developing protocols for **tissue culture propagation** using plant parts like stems or roots.
- Research ways to improve the **genetic variety** and **resilience** of the plant through cross-breeding or selective propagation methods.

PAGE No. \_\_\_\_\_  
Date \_\_\_\_\_  
2024

Students are exploring the vibrant plants at the botanical garden, guided by their enthusiastic faculty members.



Scientific Name: *Caladium bicolor*

Common Name: Heart of Jesus

Family: Arecaceae



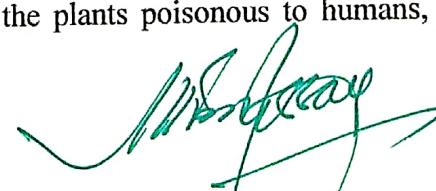
These plants are the *Caladium* genus, commonly known as "Angel Wings" or "Elephant Ear" plants, widely admired for their colourful and vibrant leaves. The distinct patterns, with combinations of green, pink, red, and white, make them popular as ornamental plants.

#### Note

**Toxicity:** The caladium plant is toxic to people, animals, and pets in all sections. Sensitization of the skin may result from sap contact. Ingestion can result in nausea, vomiting, diarrhoea, and burning and swelling of the tongue, lips, and mouth.

It contains Calcium oxalate crystals, making all parts of the plants poisonous to humans, livestock and pets.

 COORDINATOR  
Internal Quality Assurance Cell  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad.

 PRINCIPAL  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-01.

1	AGE No.
2	
3	

14  
List of Students attended Field Trip (M.SC Botany)

Nuzhath unnisa  
Subia Hasham  
Summaiyya tabassum  
Gule lubna  
Nausheen fatima  
Sidra fatima  
Syeda sadiya fatima  
Nusrath jahan  
Nadia shareef  
Syeda sana fatima  
Saniya gazal  
Syeda sofia banu  
Noori khatoon  
Romana ahmed  
Afrah farheen  
Sania begum  
Sahlaiha fatima idris  
Afia zaheer quraishi  
Rubeena begum  
Juweria fatima  
Shaista juveria  
Syeda amena daniya  
Asmaeen rian fatima  
Maseera banu  
Shazia fatima  
Erum fareed  
Iram tabassum  
Syeda seema fatima  
Mohammed samrin  
Aliya binth masood khan  
Saniya unnisa  
Tasavar fathima  
Sayeda Rafath unnisa  
Meher Unnisa  
Sameera Anwar  
Sadiya Sama  
Zahra Fatima

  
PRINCIPAL  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-01.



## “INDUSTRIAL TOUR REPORT”

Date: 5th October 2024

Organized by: Department of Commerce

Tour Coordinator: Mr. Amir Khan, Assistant Professor of Commerce

Participants: Over 80 students

Transportation: 2 large buses from the college

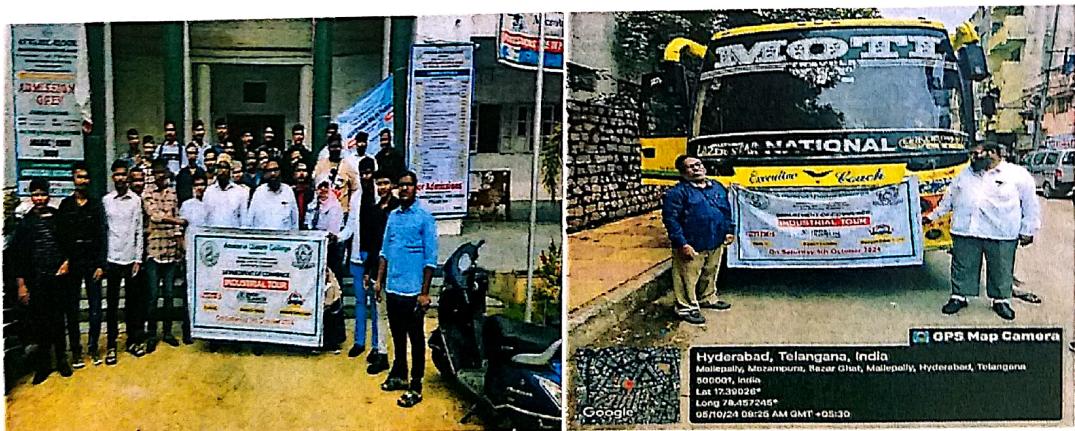
### 1. Introduction

The Department of Commerce at Anwarul Uloom College organized an educational industrial tour on 5th October 2024, aimed at bridging the gap between theoretical knowledge and practical application. Over 70 students from the Commerce department participated in the tour, which provided insights into business operations and production processes at three renowned industrial locations:

- Zinda Tilismath Factory
- Parle G Biscuit Factory
- Masqati Dairy Farm



The tour focused on providing students with firsthand exposure to the various facets of industrial management, production, distribution, quality control, and marketing strategies. This experience allowed students to gain practical knowledge of how business economics is applied in real-world scenarios.



## 2. Tour Itinerary and Highlights

### Zinda Tilismath Factory

**Overview:** A well-known producer of herbal medicines, Zinda Tilismath Factory provided students with an in-depth look at traditional production techniques, quality assurance, and packaging.

#### Highlights:

- ✓ Guided tour showcasing the production process of herbal medicines.
- ✓ Expert sessions on the company's quality control methods and how they ensure consistency in product standards.
- ✓ Interactive Q&A sessions with industry professionals, providing students with practical insights into the management of a heritage brand.



### Parle G Biscuit Factory

**Overview:** The Parle G Biscuit Factory, a leading name in the Indian biscuit industry, offered students a close view of mass production and distribution strategies.

#### Highlights:

- ✓ Demonstrations of automated production and packaging processes, highlighting efficiency and cost management.
- ✓ Expert guidance on cost-cutting strategies without compromising on quality.
- ✓ Interactive sessions that explained the role of branding and marketing in establishing a long-term market presence.

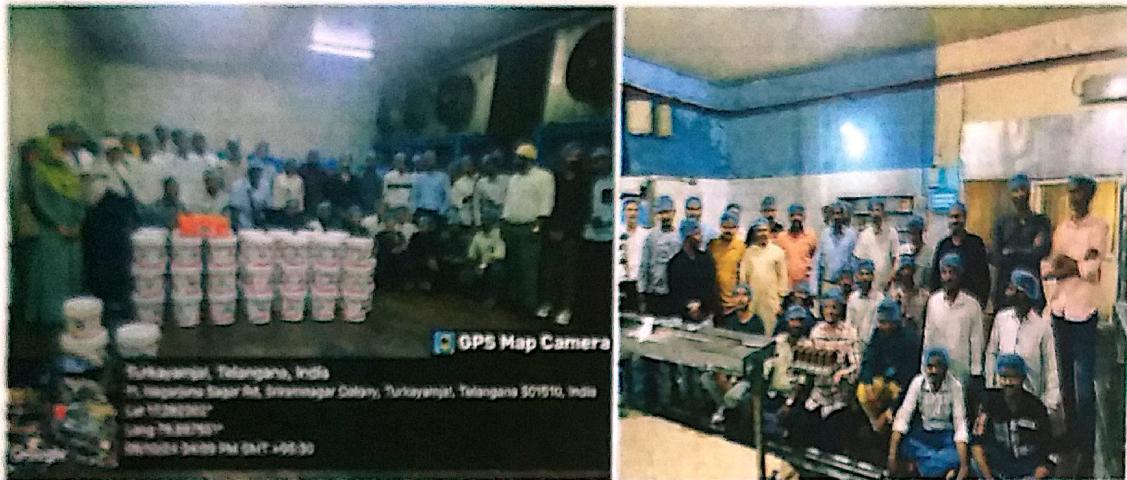


## Masqati Dairy Farm

**Overview:** Masqati Dairy Farm, famous for its dairy products, showcased its sophisticated production and supply chain management.

### Highlights:

- ✓ Detailed explanation of the dairy production process, including pasteurization and packaging.
- ✓ Insights into the farm's distribution channels and how it maintains product freshness in the competitive dairy market.
- ✓ Interactive Q&A session on hygiene standards and product labeling with industry professionals.



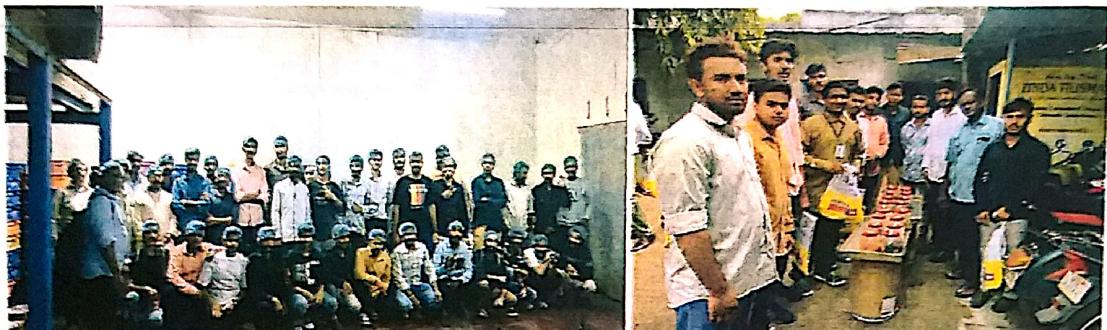
### 3. Learning Outcomes

The students gained significant knowledge from the tour, particularly in the areas of:

- ✓ **Manufacturing processes:** Observing how products are made from raw materials to finished goods.
- ✓ **Quality control:** Understanding the importance of maintaining standards to meet consumer expectations.
- ✓ **Business management:** Learning about the organizational structures that support efficient production and distribution.
- ✓ **Cost control and efficiency:** Insights into how businesses manage their resources and reduce costs without sacrificing quality.
- ✓ **Branding and marketing:** Understanding the strategies that help businesses create and maintain a strong presence in the marketplace.

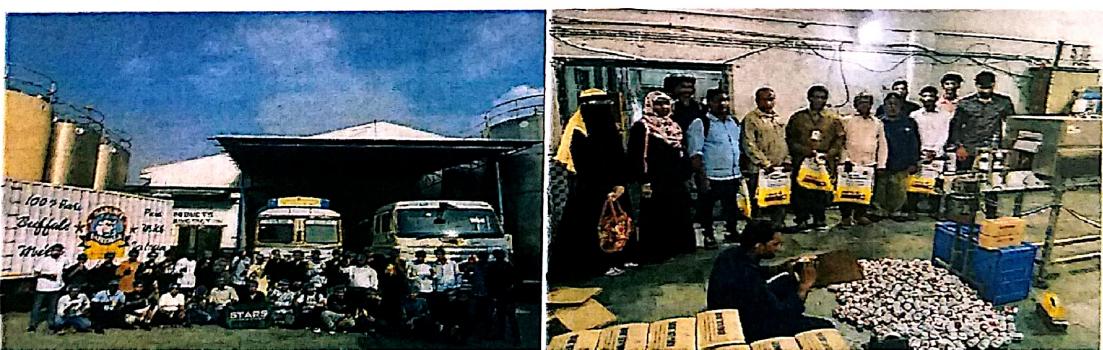
#### 4. Key Highlights of the Tour

- 80+ Students participated in the trip.
- Expert sessions and guided tours at each location, offering students deep insights into how each business operates.
- Focus on manufacturing processes, quality control, and management techniques.
- Interactive Q&A sessions with industry professionals, allowing students to clarify doubts and understand business challenges.
- Opportunities for networking and skill development, helping students make connections with industry experts.



#### 5. Student Feedback

The students provided highly positive and valuable feedback about the industrial tour. They appreciated the opportunity to observe real-world business environments, interact with industry professionals, and gain practical experience in various aspects of business economics. Many students felt that the tour greatly enhanced their understanding of key concepts such as cost-cutting, production efficiency, and marketing strategies.



## 6. Additional Activities

**Lunch:** Lunch was served to all participants, ensuring everyone was well-catered for during the tour.

**Prayer:** Arrangements were made for students to perform their prayers, ensuring the tour was conducted with consideration for their religious obligations.



## 7. Faculty Coordination

All faculty members, including **HODs Dr. Ahmed Mohiuddin and Mrs. Nasreen Sultana**, managed and guided the students effectively throughout the tour. They ensured the students remained engaged and that the learning objectives were achieved. Faculty members provided additional explanations, linking classroom knowledge to industrial practices. Mrs. Asiya Sultana registered all participants, ensuring smooth coordination of the event.

## 8. Conclusion

The industrial tour successfully bridged the gap between academic learning and practical business operations. The guided visits to Zinda Tilismath Factory, Parle G Biscuit Factory, and Masqati Dairy Farm allowed students to gain insights into real-world business environments. The students' participation and the valuable lessons learned through interaction with industry professionals made this tour an essential part of their academic and professional development.

## Feedback Analysis for Industrial Tour (5th October 2024)

Total Respondents: 80 students

### 1. Overall Experience

Excellent: 55 students (69%)  
Good: 18 students (23%)  
Average: 7 students (8%)  
Needs Improvement: 0 students (0%)

#### Analysis:

92% of students rated the overall experience as "Excellent" or "Good," showing high satisfaction with the tour. Only 8% rated it "Average," indicating room for slight improvements.

### 2. Organization of the Tour

Very Well Organized: 50 students (63%)  
Well Organized: 24 students (30%)  
Somewhat Organized: 6 students (7%)  
Not Well Organized: 0 students (0%)

#### Analysis:

93% of the students felt the tour was either "Very Well Organized" or "Well Organized," showing strong organizational efforts. A small percentage (7%) felt it could have been more structured.

### 3. Helpfulness of Information

Very Helpful: 47 students (59%)  
Helpful: 26 students (33%)  
Somewhat Helpful: 7 students (8%)  
Not Helpful: 0 students (0%)

#### Analysis:

92% of students found the information provided during the tour to be "Helpful" or "Very Helpful." This suggests that the information was well-delivered and relevant to their studies.

#### 4. Interaction with Industry Experts

Very Informative: 44 students (55%)

Informative: 28 students (35%)

Somewhat Informative: 8 students (10%)

Not Informative: 0 students (0%)

##### **Analysis:**

90% of the students found their interactions with industry experts to be "Very Informative" or "Informative," showing that the industry professionals engaged effectively with students.

#### 5. Relevance to Studies

Very Relevant: 48 students (60%)

Relevant: 26 students (33%)

Somewhat Relevant: 6 students (7%)

Not Relevant: 0 students (0%)

##### **Analysis:**

93% of students felt the tour content was directly connected to their coursework, showing the industrial tour enhanced their understanding of the theoretical concepts learned in class.

#### 6. Faculty Guidance

Excellent: 55 students (69%)

Good: 20 students (25%)

Average: 5 students (6%)

Needs Improvement: 0 students (0%)

##### **Analysis:**

94% of students rated faculty support as "Excellent" or "Good," demonstrating a strong sense of guidance and involvement from faculty members throughout the tour.

#### 7. Transportation and Logistics

Excellent: 45 students (56%)

Good: 28 students (35%)

Average: 7 students (9%)

Poor: 0 students (0%)

**Analysis:**

91% of the students were satisfied with the transportation and logistical arrangements, though 9% rated it "Average," indicating possible issues with timing or comfort.

**8. Lunch Quality**

Very Good: 40 students (50%)  
Good: 30 students (37%)  
Average: 10 students (13%)  
Needs Improvement: 0 students (0%)

**Analysis:**

87% of students rated the lunch provided as "Very Good" or "Good." However, 13% rated it "Average," suggesting there could be small improvements in the quality or variety of food offered.

**9. Prayer Arrangements**

Yes: 80 students (100%)  
No: 0 students (0%)

**Analysis:**

All students were satisfied with the prayer arrangements made during the tour, reflecting proper consideration of religious needs.

**10. Favorite Part of the Tour**

Learning about production processes: 35 students (44%)  
Seeing how products are made: 25 students (31%)  
Interacting with industry professionals: 12 students (15%)  
The overall experience: 8 students (10%)

**Analysis:**

The majority of students (44%) enjoyed learning about production processes the most, followed by observing how products are made. This indicates that practical, hands-on experiences were highly valued.

## 11. Would You Recommend This Tour to Other Students?

Yes: 77 students (96%)

No: 3 students (4%)

### Analysis:

An overwhelming 96% of students would recommend the industrial tour to their peers, demonstrating the overall success of the tour as a valuable learning experience.

## 12. Suggestions for Improvement

More time at each location: 24 students (30%)

Better transportation arrangements: 12 students (15%)

More interaction with experts: 20 students (25%)

Other (specified): 24 students (30%)

### Analysis:

A third of students (30%) wanted more time at each location to gain a deeper understanding of the industrial processes. Other suggestions included improving transportation arrangements (15%) and increasing interaction with industry experts (25%).

## Overall Conclusion

The feedback from the 80 participating students reflects an overwhelmingly positive response to the industrial tour. The tour was well-organized, provided valuable industry insights, and was seen as highly relevant to students' academic studies. Key areas for improvement include allocating more time for in-depth exploration at each site and enhancing transportation comfort. Overall, the industrial tour was a successful initiative, offering students practical exposure to complement their theoretical knowledge.

Dr. Ahmed MohiUddin (HOD)

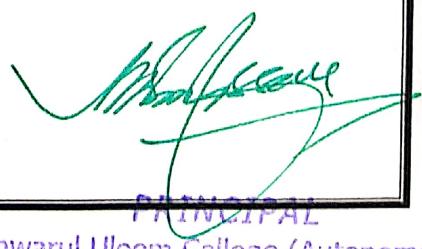
Mrs. Nasreen Sultana (HOD)

Mr. Amir Khan (Coordinator)



**COORDINATOR**

Internal Quality Assurance Cell  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad,



**PRINCIPAL**

Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-01.

*List of Students attended the Field trip ( B.com all streams)*

Mohd.Abdul Rahman

MD Mazaruddin

Shaik Nadeem Ahmed

Shaik Junaid

MD Zafer

MD Shaz Ali Khan

Sofian Ali

Mohd Sajid

Syed Husam

Syed Imran

Farooq Ali

S.K.U.hUSSAINI

MD.Shoib Hussain

MD.Abdul Sami

MD.Bavazir

Mirza Abbas

MD.Moosa

MD Zaid

Syed Saif

Syed Salman

Mohd Ashraf

Abbu Suhail

Ahmed Ali Khan

Zaheer Khan

Salman Syed

Syed Zaheer

Syed Ziauddin

MD. Yousuf

Sayeed Bawazeer

Syed Abubakar

Mohd.Zaker

Abdul SHOIB

Shaik Ameen Uzair

Mohd Shoeb

Fazal Mohd

Mohd Ahmed

Mohd Ahmed

Mohd Ghouse

Habeeb

G.M.Mustafa

Husaid

Mohd Mibed

Mohd Maskeen

Junaid Asad  
Junaid Amer Ali  
Kashif Baba  
Mohd Niram  
Mohd Suffyan  
Syed Riyaz  
Mohd Mehraj  
Mohd Anas  
Abdul Irfan  
Nawaz Khan  
Syed Hussain  
Mohd Mateen  
Shaik Naseer  
Mohd Ehtesham  
Abdul Jabbar  
Mohd Arfath  
Mohd Naser  
Aftab Hussain  
Mohd Hashmathullah Khan  
Mohd Mustafa

Shaik Nadeem Ahmed  
Shaik Junaid  
Shaik Nadeem Ahmed  
Shaik Junaid  
MD.Abdul Sami  
Sofian Ali  
Mir Fahad Ali  
Mohd Mustafa  
Mohd Fahad  
Mohd Saqeed  
Mirza Mohd Mustafa  
Mohd Samiullah  
Syed Firoz  
Shaik Ahmed  
Mohd Jaweed  
MAHREEN IRFAN KHAN  
SYEDA QUDSIYA JABEEN  
SYEDA AFIYA SHAGUFTA  
NAYYARA AHMADI  
SANIYA JABEEN  
FIRDOUS UNNISA BEGUM  
SYEDA SANIA ANJUM  
SABA NAZNEEN  
FARHATH RAHMAN

Syed Abdul Rahman

Mohd Mohsin

Shaik Mohsin

Shaik Murtaza

Mohd Sumair

Mohd Nasir

Mohd Saif

Mohd Sameer

Syed Naveed

Mohd Faiz

Hassan

Faisal Mohd

Mohd Omer

M.A. Qavi

Abdul Qavi

Syed Mohd Husnain

Adnan Ahmed

Syed Taqi

Mohd Burhan

Mohd Adnan

Shaik Saber

Abdul Rahman

Muzamil

Mohd Khaja

Abdur Rab

Mohd Ishat

Mohd Qutub

Syed Rameez

Mir Alamdar

Mohd Abdul Junaid

Syed Sufain

Shaik Omer

Syed Furkhan Ali

Mohd zeeshan ali

MD Abdu Shoaib

Farhan Ali

Umays Khan

Mohd Shahbaz

Shaik Imran

Abrar

Mohd Qayyum

Mohd Rehman

Abid Hussain



COORDINATOR

Internal Quality Assurance Cell  
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New Mallepally, Hyderabad.



PRINCIPAL

Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-01.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(Accredited by NAAC with A+ Grade & an ISO 9001:2015 Certified Institution)

(Affiliated to Osmania University, Hyderabad)

## DEPARTMENT OF MICROBIOLOGY

Ref. No.

Date: 15/02/2025

### Circular

### EDUCATIONAL TOUR

The Department of Microbiology, Anwarul Uloom College has arranged a **Workshop cum Educational Tour** for PG Microbiology students to **Active Discovery Campus – Active Farm School**, Chevella, Rangareddy on **15-02-2025**. During this educational tour students will participate in a workshop on "Unlocking Innovation and Empowering Futures: Entrepreneurship workshop". This workshop aims to provide valuable insights into entrepreneurship within the Microbiology and broader life sciences domains. This experience will offer students with industrial exposure that complements their academic studies. All M.Sc. students of the Department of Microbiology are required to participate in this important educational tour, your contribution is essential for the success of this event. Students are required to assemble at the college premises at 8:00AM. The bus will depart for the trip promptly at 8:15AM.

**Date** : 15-02-2025

**Time** : 8:00 AM

**Venue** : Active Discovery Campus – Active Farm School,  
Kowkuntla Village, Chevella, Rangareddy District,  
Telangana - 501503

  
Head  
Department of Microbiology  
Anwarul Uloom College

(Affiliated to Osmania University, Hyderabad)  
New Mallopally, Hyderabad-500078



# **Report**

**on**

## **WORKSHOP CUM EDUCATIONAL TOUR**

**to**

### **ACTIVE DISCOVERY CAMPUS-ACTIVE FARM**

**Purpose:** Workshop cum Educational Tour

**Date:** 15<sup>th</sup> February, 2025

**Participants:** M.Sc. Microbiology & B.Sc. Bt.M.C. Students

**Trip Location:** Active Farm

Kowkuntla Village, Chevella,  
Rangareddy District, Telangana - 501503

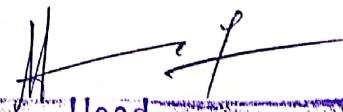
**Organizers:** Department of Microbiology, Anwarul Uloom College, Hyderabad-500001

#### **Introduction:**

Anwarul Uloom College, Hyderabad, organized an industrial visit for M.Sc. Microbiology and B.Sc. Bt.M.C. students to Active Farm, located at Kowkuntla Village, Rengareddy District, Telangana. This visit aimed to provide students with industrial exposure about Agri farming, animal farming and agri business.

#### **Learning Objectives**

- To expose students to practical applications of microbiology in everyday products.
- To nurture an entrepreneurial mindset among life sciences students.
- To foster creative thinking and innovation using low-cost, home-based resources.
- To enhance students' teamwork, communication, and problem-solving skills.

  
Head  
Department of Microbiology  
Anwarul Uloom College  
(Autonomous)  
(Affiliated to Osmania University)  
New Mallepally, Hyderabad-01, T.S.

**DEPARTMENT OF MICROBIOLOGY****Industrial Trip Details:**

The Department of Microbiology, Anwarul Uloom College, organized an enriching Workshop cum Educational Tour for the postgraduate students of M.Sc. Microbiology and undergraduate students of B.Sc. Bt.M.C to Active Discovery Campus – Active Farm School, located in the peaceful surroundings of Chevella, Rangareddy, on 15th February 2025.

**About the Active Discovery Campus – Active Farm School**

The Active Farm School is a hands-on learning environment that blends traditional ecological practices with modern innovation. It emphasizes sustainable living, experiential education, and community-based entrepreneurship. Designed to be immersive, the campus encourages students to learn by doing—transforming scientific curiosity into innovative action.

**About Workshop: "Unlocking Innovation and Empowering Futures"**

A central feature of the tour was a workshop focused on entrepreneurship in microbiology and life sciences. Titled "*Unlocking Innovation and Empowering Futures*," the workshop provided a vibrant space for students to explore biotech-based entrepreneurial concepts through activity-based learning.

Students participated in guided hands-on practical sessions on:

- Crafting herbal soaps using natural ingredients.
- Preparing homemade chocolates and plant-based balms.
- Practiced practical packaging techniques with a sustainability focus.
- Engaging in a spirited “Shark Tank” style discussion, where student teams pitched business ideas and received feedback.

**Outcomes**

- Students gained hands-on experience in product development rooted in microbiological principles.
- They developed a deeper understanding of sustainable enterprise models.
- The interactive format boosted confidence and critical thinking, particularly during product ideation and pitching.
- The tour provided a roadmap for transforming academic knowledge into viable entrepreneurial opportunities.

This experience left a lasting impression on students, motivating them to reimagine their career pathways not just as scientists but as innovators, change-makers, and future biotech entrepreneurs.

Head  
Department of Microbiology  
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## DEPARTMENT OF MICROBIOLOGY

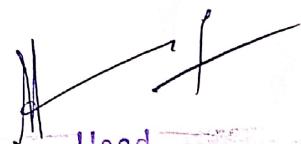
### Conclusion

The Workshop cum Educational Tour to Active Discovery Campus – Active Farm School proved to be a transformative experience for the students of Anwarul Uloom College. By merging hands-on scientific exploration with entrepreneurial insights, the program increased the prospects of young microbiologists, encouraging them to envision roles not only as researchers but also as innovators and future changemakers. The blend of practical learning, creativity, and community-based applications marked a significant step in shaping their academic and professional journey.

### Acknowledgment

The Department of Microbiology extends its sincere gratitude to the management of Anwarul Uloom College for their unwavering support in facilitating this tour. We are especially thankful to the team at Active Discovery Campus – Active Farm School for their warm hospitality, insightful sessions, and inspiring mentorship throughout the workshop. A heartfelt thanks to the faculty members and organizing committee whose efforts ensured the event's success. Finally, we appreciate our students for their enthusiastic participation and eagerness to learn—a testament to their potential as the next generation of life science entrepreneurs.

Lastly, Head, Department of Microbiology, Anwarul Uloom College, presented a Momento to the Dr. Vamshi Krishna, Director & Trainer, Active Discovery Campus.

  
Head  
Department of Microbiology  
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New Mallepally, Hyderabad-01, T.S.



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New Mallepally, Hyderabad- 500001, T.S., India.



**DEPARTMENT OF MICROBIOLOGY**

**GLIMPSE**



Head  
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New Mallepally, Hyderabad-01.T.S.



### DEPARTMENT OF MICROBIOLOGY



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Department of Microbiology  
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**DEPARTMENT OF MICROBIOLOGY**



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**DEPARTMENT OF MICROBIOLOGY****EDUCATIONAL / INDUSTRIAL TOUR**

Workshop cum Educational Tour to Active Discovery Campus - Active Farm School,  
Kowkunta Village, Chevella, Rangareddy District, Telangana - 501503

**STUDENTS' ATTENDANCE SHEET**

Date: 15-02-2025

S.No.	Name of the Student	Roll No.	Contact Number	Signature
1.	Syeda Amena Raggi	1062-22-518-035	7387486928	
2.	Sara Falina	1062-82-487-060	8639716009	
3.	Shareefa Kulwra	1062-21-518-009	7187442339	
4.	Syeda Noorunnisa	1062-22-487-057	9159786694	
5.	Qobria Falina Durdai	1062-22-1181-033	7989326715	
6.	Syeda Qudriya Fatima	1062-22-487-057	9950045431	
7.	Umme - Khubrum	1062-22-483-038	7095251592	
8.	Mohammed Farizq	1062-23-518-023	8666828983	
9.	Mohammed Asad Ahmed	1062-23-518-011	9989843519	
10.	Muneez. Marwan Ahmad	1062-23-518-021	9700683594	
11.	Sheel Ahmed Durveshi	1062-23-518-016	7989308516	
12.	Maseer Fatimia	1062-23-518-011	9616978804	
13.	Rusheda Khan	1062-23-518-021	9866534271	
14.	Syeda Noor Umar	1062-23-518-018	7374378847	
15.	Khatija Dastagir	1062-23-518-014	9063412394	
16.	Sofia Begum	1062-23-518-003	7981753984	
17.	SADIYA NOOR HART	1062-23-518-026	7893110246	
18.	LAIBNA KHAN	1062-23-518-009	8688109895	
19.	Sumayya	1062-23-518-016	9390858607	
20.	Mawya Khan	1062-23-518-016	9759684937	

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UNIVERSITY OF HYDERABAD

VINYASA

**DEPARTMENT OF MICROBIOLOGY****EDUCATIONAL / INDUSTRIAL TOUR**

Workshop cum Educational Tour to Active Discovery Campus – Active Farm School,  
Kowkuntla Village, Chevella, Rangareddy District, Telangana - 501503

**ISSUE OF CERTIFICATE SHEET****DATE : 15-02-2025**

S.No.	Name of the Student	Roll No.	Contact Number	Signature
1.	Sobia Salma	1062-22-487-055	79892326715	Sobia.
2.	Syeda Qudriya Fatima	1062-22-487-057	9959045431	Qudriya
3.	SADIYA NUZHAT	1062-23-518-020	7893110746	Sadiya
4.	LAINA KHAN	1062-23-518-009	8688369875	Lainah
5.	Umme-kulsum	1062-22-467-056	7095294572	Umme
6.	Shabb Ahmed Durani	1062-23-487-016	7989308516	Shabb
7.	Sofia Begum	1062-23-518-003	7981753984	Sofia
8.	Khatija Destagir	1062-23-518-004	9063792394	Khatija
9.	Syeda Norshuras	1062-23-518-008	7337378847	Syeda
10.	Suhra Tabeen.	1062-24-518-002	8977186647	Suhra
11.	Badar Ummisa Begum	1062-24-518-006	9502159234	Badar
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