



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A⁺ Grade by NAAC

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

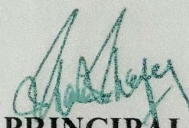


DEPARTMENT OF BIOTECHNOLOGY

Circular

Date: 3rd February 2025

Department of Biotechnology, Anwarul Uloom College is organizing a “**Field Trip**” to Wonderla on 12th 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



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A⁺ Grade by NAAC

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



8th Feb 2024

PROGRAM REPORT

Program Name: Field Trip

Date of activity: 12th 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



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A⁺ Grade by NAAC

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



12th February 2025





Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A+ Grade by NAAC

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



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	M. M. Hussain
2.	Shauk Zubair ali	Biotech	Zubair
3.	ESSA BIMABID	Biotech	Essa
4.	M. J. Saad	Biotech	M. J. Saad
5.	Mohammed Abdul Bari	Biotech	Bari
6.	Ameena Fatima	Biotechnology	Ameena Fatima
7.	Shauk Ameena Begum	Bio-technology	Shauk
8.	Siddiqua Fatima	Biotechnology	Siddiqua
9.	Shauka begum	Biotechnology	Shauka
10.	Anoora Fatima	Biotechnology	Anoora
11.	Syeda Sharifa fatima	Biotechnology	Sharifa
12.	Mehar Unnisa	Biotech	Mehar
13.	Nashra Suroorqui	Biotech	Nashra
14.	Zaina fatima	Biotechnology	Zaina
15.	Asiya Begum	Biotechnology	Asiya
16.	Deeba Amal	Biotechnology	Deeba
17.	shafiya Kashaf	Biotechnology	shafiya Kashaf
18.	Syeda Suhana	Biotech	Syeda
19.	Nafesa Fatima	Biotechnology	Nafesa
20.	Najya Fatima	Biotechnology	Najya
21.	Khaseem fatima	Biotechnology	Khaseem
22.	Mohammed Affan Inayat	Biotechnology	Affan
23.	MD. Fiaz Wani	Biotech	Fiaz
24.	SABA MEHVEEN	Biotech.	Saba Mehveen
25.	Iffath Zuriab	Biotech	Iffath
26.	Mid. Huss	Biotech	Mid. Huss
27.	mohd mustafa Ahmed	Biotech	Mustafa

	Name	Dpt	Signature
28	Mirza Ahmed Mujtaba Ali Baig	MSc. Biotechnology	Ahmed
29	Shah Guddus Ullah Alvi	MSc. Biotechnology	S. Guddus
30	Syed Muttahir Ali	MSc. Biotechnology	Syeda Muttahir
31	MIRZA SHAUKAT ALI BAI	MSc Biotechnology	S
32	Sayyada Arshen	M.Sc Biotechnology	Arshen
33	Khadeeja Fakharuddin	M.Sc Biotechnology	Khadeeja
34	Hanaa Sadat	M.Sc. Biotechnology	Hanaa
35	Zeba Rehan	M.Sc Biotechnology	Zebath
36	Nisba Fatima	M.Sc. Biotechnology	Nisba
37	Neda Muqitader	M.Sc Biotechnology	Neda
38	Ama Noorine	MSc Biotechnology	Ama
39	Tuneeiya Begum	MSc Biotechnology	Tuneeiya
40	Mehwish Fatima	MSc Biotechnology	Mahwish
41	Sara Syed Resheed Syed	M.Sc Biotech	Sara
42	MASARATH FATIMA	M.Sc Biotech	Matina
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	Sabbah Meheen
47	Ayesha Fatima	M.Sc Biotech	Ayesha
48	Mehwish Khan	MSc Biotech	Mehwish
49	Nabila Fatima	MSc Biotech	Nabilla
50	Ayesha Fatima	MSc Biotech	Ayesha
51	Fariyyal Hussain	MSc Biotech	Fariyyal
52	Raghad Ara	M.Sc. Biotech	Raghad
53	Samiya Tasleem	M.Sc. Biotech	Samiya
54	Bushra Inaam	M.Sc. Biotech	Bushra
55	Roshni Augum	M.Sc. Biotech	Roshni
56	Samreen Sultana	M.Sc Biotech	Samreen
57	Shifa Ansari	M.Sc Biotech	Shifa
58	Mohammed Faisal	B.Sc biotech	Faisal
59	Sara Begum	M.Sc. Biotech.	Sara

60	Sara Fatima	Biotechnology	Safina
61	Syeda Amara Razi	Biotechnology	Syeda
62	Akhter Jahan meethar	Biotechnology	Akhter
63	Trfana Siddiqua	Biotechnology	Trfana
64	Noaz fatima	Biotechnology	Noaz
65	HAESA FATHIMA K	BIDTECHNOLOGY	Haesaib
66	Sidra Hamed	Biotechnology	Sidra
67	Sameera Fatima	Biotechnology	Sameera
68	Syeda Noorunnissa Khan	MSc Biotechnology	Syeda
69	Relan Yernal	MSc. Biotech.	Relan
70	Saad ahmed sabri	M.Sc. Biotech	Saad
71	mohd ISMAIL	M.Sc. Biotech	Mohd
72	Bafi-ul-Qadir	M.Sc Biotech	Bafi
73	Mohd Nasrullah Taasir	MSc Biotech	Mohd
74	Mohammed Rafay-ur-Rahman	MSc Biotech	Rafay
75	Fathima Zahra	MSc. Biotech	Fathima
76	Zoha Mahveen	MSc. Biotech	Zoha
77	MuKam Maheen	MSC Biotech	MuKam
78	Adiba Fatima	Msc Biotech	Adiba
79	Kehkashan Begum	BSc Biotech	Kehkashan
80	Sarah Fatima	BSc Biotech	Sarah
81	Sadiya Amreen	Bsc Biotech	Sadiya
82	Daniya Ahmed	Bsc Biotech	Daniya
83	Sara Begum	M.Sc Biotech	Sara
84	Mohd MUZAMMIL Ali	Biotechnology	Mohd
85	Mahesh Azam	Biotechnology	Mahesh
86	Syed Sohail Ali	Bsc Biotech	Syed
87	Mohammed Umair Ali	Biotechnology	Mohammed
88	Syeda Ineesa fatima	biotech	Syeda
89	MD. FAHADUDDIN	Biotechnology	Fahad
90	Md Sulaiman	Biotech	Sulaiman
91	Syeda Maheen	Biotech	Syeda

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>	Arecaceae
10.	Eastern White Cedar	<i>Thuja occidentalis</i>	Cuppressaceae
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 philipica</i>	Rubiaceae
14.	Jasmine	<i>Jasminum officinale</i>	Oleaceae
15.	Fishtail sword fern	<i>Nephrolepis falcata</i>	Nephrolepidaceae
16.	Trumpet creeper	<i>Campis 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 microbial activity in the soil around the Caladium plants, which can influence their development and health.</p> <p>2. Effect of Nanofertilizers on Biomass Production: 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 Averrhoa bilimbi 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 Mussaenda erythrophylla and Mussaenda phillippica</p> <p>2. Green synthesis of starfruit-based nanoparticles and its characterization.</p>
5.	Mrs. Ruksana Nausheed	Evaluation of Cajanus cajan (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.

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: Arceaceae



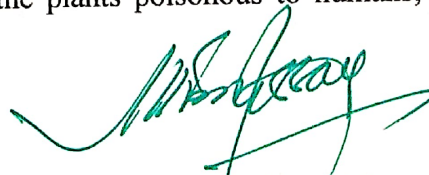
These plants are the *Caladium* genus, commonly known as "Angel Wings" or "Elephant Ear" plants, widely admired for their colourful and vibrant leaves. The distinct patterns, with combinations of green, pink, red, and white, make them popular as ornamental plants.

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.

14
20
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
Afraha farheen
Sania begum
Sahlaiha fatima idris
Afia zaheer quraishi
Rubeena begum
Juweria fatima
Shaista juveria
Syeda amena daniya
Asmaeen riyana fatima
Maseera banu
Shazia fatima
Erum fareed
Iram tabassum
Syeda seema fatima
Mohammed samrin
Aliya bint masood khan
Saniya unnisa
Tasavar fathima
Sayeda Rafath unnisa
Meher Unnisa
Sameera Anwar
Sadiya Sama
Zahra Fatima


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



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A+ Grade by NAAC

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



"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.



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. Ahned MohiUddin (HOD)

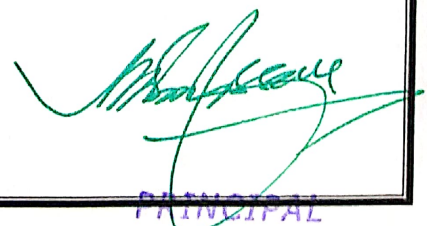
Mrs. Nasreen Sultana (HOD)

Mr. Amir Khan (Coordinator)



COORDINATOR

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



PRINCIPAL

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

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

Mohd. Abdul Rahman

MD Mazharuddin

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

Mohd Aamir Ali
Anqab
Mohd Nizam
Mohd Suffiyan
Syed Riyaz
Mohd Mehraj
Mohd Anas
Abdul Irfan
Nawaz Khan
Syed Hussain
Mohd Mateen
Shaik Naseer
Mohd Ehteeshan
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 Abudl Shoaib
Farhan Ali

Umays Khan
Mohd Shahbaz
Shaik Imran
Abrar

Mohd Qayyum
Mohd Rehman
Abid Hussain


COORDINATOR

Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous)
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: 14/02/2025

Circular

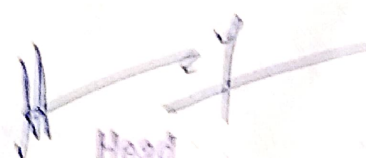
EDUCATIONAL TOUR

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)
New Malteapally, Hyderabad-501115.



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A⁺ Grade by NAAC

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



DEPARTMENT OF MICROBIOLOGY

Report
on
WORKSHOP CUM EDUCATIONAL TOUR
to
ACTIVE DISCOVERY CAMPUS-ACTIVE FARM

Purpose: Workshop cum Educational Tour

Date: 15th February, 2025

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

Trip Location: Active Farm

Kowkuntla Village, Chevella,
Rangareddy District, Telangana - 501503

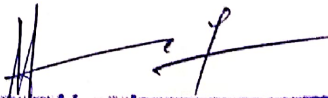
Organizers: Department of Microbiology, Anwarul Uloom College, Hyderabad-500001

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, Rangareddy District, Telangana. This visit aimed to provide students with industrial exposure about Argi 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 Malleshpally, 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.

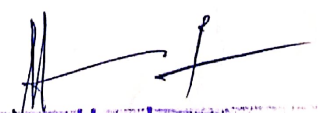
Students participated in guided hands-on practical sessions on:

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



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A⁺ Grade by NAAC

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



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, Anwarululoom College, presented a Memento to the Dr. Vamshi Krishna, Director & Trainer, Active Discovery Campus.

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



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with A⁺ Grade by NAAC

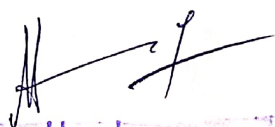
New Mallepally, Hyderabad- 500001, T.S., India.

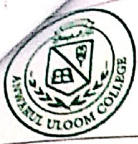


DEPARTMENT OF MICROBIOLOGY

GLIMPSE




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



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

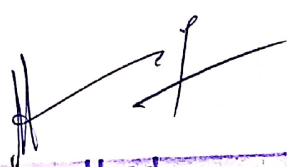
Accredited with A⁺ Grade by NAAC

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



DEPARTMENT OF MICROBIOLOGY




Head
Department of Microbiology
Anwarul Uloom College
(Autonomous)
Affiliated to Osmania University
New Mallepally, Hyderabad-500001, T.S.



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

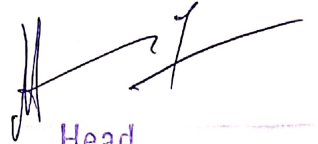
Accredited with A⁺ Grade by NAAC

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




DEPARTMENT OF MICROBIOLOGY





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

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


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



Anwarul Uloom College (Autonomous)
(Affiliated to Osmania University)
Accredited with "A+" Grade by NAAC
New Mallepally, Hyderabad - 500001, T.S., India.



DEPARTMENT OF MICROBIOLOGY
EDUCATIONAL / INDUSTRIAL TOUR

Workshop cum Educational Tour to Active Discovery Campus - Active Farm School,
Kowkuntla 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.	Syedara Amana Razi	1062-22-187-035	7382186925	<i>[Signature]</i>
2.	Sara Fatima	1062-22-487-060	8639716009	<i>[Signature]</i>
3.	Shareefa Kulura	1062-21-518-001	7989442309	<i>[Signature]</i>
4.	Syedda Noorunnissa	1062-22-487-054	99159786694	<i>[Signature]</i>
5.	Sobia Fatima Durani	1062-22-487-033	7989326715	<i>[Signature]</i>
6.	Syeda Qudriya Fatima	1062-22-487-057	9959045431	<i>[Signature]</i>
7.	Umme - Kubsum	1062-22-489-038	7095234590	<i>[Signature]</i>
8.	Mohammed Farooq	1062-23-518-023	866828983	<i>[Signature]</i>
9.	Mohammed ASAD AHMED	1062-23-518-017	9989843519	<i>[Signature]</i>
10.	Munier. Mameen	1062-23-518-027	9700683594	<i>[Signature]</i>
11.	Shah Ahmed Durani	1062-23-518-016	7989308516	<i>[Signature]</i>
12.	Maseera Fatima	1062-23-518-011	9676978804	<i>[Signature]</i>
13.	Rushala Khan	1062-23-518-011	9866534271	<i>[Signature]</i>
14.	Syeda Noor Unisa	1062-23-518-018	7374378847	<i>[Signature]</i>
15.	Khabija Dastagir	1062-23-518-014	9063712394	<i>[Signature]</i>
16.	Sofia Begum	1062-23-518-003	7981753984	<i>[Signature]</i>
17.	SADIA NOOR HAT	1062-23-518-020	7893107416	<i>[Signature]</i>
18.	LABINA KHAN	1062-23-518-009	8688709875	<i>[Signature]</i>
19.	Sumayya	1062-24-518-016	9390858607	<i>[Signature]</i>
20.	Mariya Khan	1062-24-518-016	9959684937	<i>[Signature]</i>



Anwarul Uloom College (Autonomous)

(Affiliated to Osmania University)

Accredited with "A+" Grade by NAAC

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



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 CERTIFICATES STUDENTS' ATTENDANCE SHEET

DATE: 15-02-2025

S.No.	Name of the Student	Roll No.	Contact Number	Signature
1.	Sobia Fatima	1062-22-487-05	7989326715	Sobia.
2.	Syeda Qudsia Fatima	1062-22-487-051	9959045431	Qudsia
3.	SADIYA NUZHAT	1062-23-518-020	7893110746	Sadiya
4.	LARINA KHAN	1062-23-518-009	8688 369875	Larina
5.	umme -kulsum	1062-22-487-056	7095294572	Ukulsum
6.	Shoeb Ahmed Durani	1062-23-487-016	7989308516	Shoeb
7.	Sofia Begum	1062-23-518-008	7981753984	Sofia
8.	Khatija Dastagir	1062-23-518-004	9063792394	Khatija
9.	Syeda Norhanusa	1062-23-518-008	7387378847	Syeda
10.	Zuhra Tabeen.	1062-24-518-002	8917186647	Zuhra
11.	Badar Ummisa Begum	1062-24-518-006	9502159234	Badar
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				