

Dr. Ambedkar College, Deekshabhoomi, Nagpur

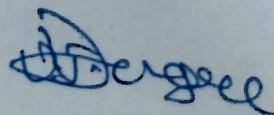
Department of Biochemistry and Biotechnology

Four Day Educational Visit to NIAB and NRCM Hyderabad

Notice

Dated: 09 – 03 -2023

This is to inform all the students of M.Sc. Biochemistry and Biotechnology that a four day educational visit is being organised by department of Biochemistry and Biotechnology to National Institute of Animal Biotechnology (NIAB) and National Research Centre on Meat (NRCM), Hyderabad from 20-04-2023 to 24-04-2023. Interested students can register themselves before 18 – 03 – 2023.



**HEAD
DEPARTMENT OF
BIOCHEMISTRY & BIOTECHNOLOGY
DR. AMBEDKAR COLLEGE,
DEEKSHABHOOMI, NAGPUR**

Dr. Ambedkar College, Deekshabhoomi, Nagpur

Department of Biochemistry and Biotechnology

Plan of Educational Visit to Hyderabad

Date	Time	Place of visit
20/4/2023	5.00 pm	Departure from Nagpur Railway Station by train no. 12722
	4.00 am	Arrival at Hyderabad Deccan Railway Station
	7.00 am	Going to Hotel by bus
	8.00 to 9.30	Ready for visit to NIAB
	11.00 am	Visit to NIAB Hyderabad
	2.00 pm	Lunch
21/4/2021	3.00-6.00pm	Site scenes nearby NIAB (Golconda fort, cable bridge, other if possible)
	8.00 pm	Reach to Hotel
	9.00 Pm	Dinner
	8.30 am	Breakfast
22/4/2023	9.30 am	Departure for Nehru zoological park
	2.00 pm	Lunch
	3.00 to 6.30	Sudha Car Museum , Birla temple , Husen Sagar Lake and other (if possible)
	8.00 pm	Dinner
23/4/2023	8.30 am	Breakfast
	9.30 am	Departure for Salar Jung Museum & Lumbini Park
	1.30	Lunch
	2.30 to 6.00	Chowamalla palace, Surendrapuri museum (if possible)
		Dinner
24/04/2023	8.30 am	Breakfast
	9.30 am	Departure for visit to tourist spot near secunderabad
	1.30pm-2.30	Lunch
	2.30 pm to 6.00pm	Shopping
	6.30pm to 8.30pm	Dinner
	9.30 pm	Secundarabad Railway station
25/4/2023	7.30am	Arrive at Nagpur railways station by train no. 12771

Handwritten signature
18/4/2023

HEAD
DEPARTMENT OF
BIOCHEMISTRY & BIOTECHNOLOGY
DR. AMBEDKAR COLLEGE,
DEEKSHABHOOMI, NAGPUR



To,
The Principal
Dr Ambedkar College
Deekshabhoomi
Nagpur.

Date: 01/04/2023

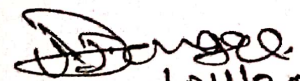
Subject: To give permission to organise a lab visit in Hyderabad from 20 to 25th April 2023.

Respected Madam,

Department of Biochemistry and Biotechnology is organising an industrial/Lab visit in Hyderabad state on 20-25th April 2023. During this we will visit "National Institute of Animal Biotechnology (NIAB)" located at Opp. Journalist Colony, Near Gowlidoddy, Extended Q City Road, Gachibowli, Hyderabad, Telangana, India - 500 032. NIAB is an Autonomous Institute of the Department of Biotechnology, Ministry of Science and Technology, Government of India. Visit to this institute will help our students to know how about the animal research and associated facilities. Hence, I request you to grant us permission for the same. **Shortly submitting micro plan of visit and student parent consent forms.** With this application, please find list of teachers and students who are visiting this lab.

Sr	Name		
1	Dr Utpal Dongre	27	Pranjali Sahu
2	Mr Pradip Hirapure	28	Aman Sheware
3	Ms Swati Chimurkar	29	Snehal Sorte
4	Ms Rita Lakkakul	30	Mohit Janbandhu
5	Prachi Aglave	31	Vishal Jadhav
6	Tejashree Sirsat	32	Purva Dhupe
7	Mansvi Deshmukh	33	Vaishnavi Bhnage
8	Diksha Pakhale	34	Arti Kale
9	Shubham Pathare		
10	Shreyashree jambhulakar		
11	Sachi Chavhan		
12	Srushiti Shedmake		
13	Alka Dubey		
14	Anjali Panicker		
15	Suhas Baingane		
16	Prachi Asutkar		
17	Devyani Chute		
18	Anushka Chinchmalatpure		
19	Shriya Thakare		
20	Shruti Trivedi		
21	Deepika Nakade		
22	Prashik Ganvir		
23	Samiksha Bombade		
24	Sakshi kalamkar		
25	Dikshita Motghare		
26	Niharika Bute		

Permission.
Goantai
Tarr.
Jan.
Pmm


01/04/2023

HEAD
DEPARTMENT OF
BIOCHEMISTRY & BIOTECHNOLOGY
DR. AMBEDKAR COLLEGE,
DEEKSHA BHOOMI, NAGPUR



Dr. Ambedkar College, Deekshabhoomi, Nagpur

Department of Biochemistry and Biotechnology

Four Day Educational Visit to NIAB and NRCM Hyderabad

From 21-04-2023 to 24 – 04 - 2023

A Report

One day Educational trip was organized by Department of Biochemistry and Biotechnology, Dr. Ambedkar College, Deekshabhoomi, Nagpur from 21st April to 24th April 2023 to visit **National Institute of Animal Biotechnology (NIAB)** and **National Research Centre on Meat (NRCM)**, Hyderabad. The tour comprised students of M.Sc. Biochemistry and Biotechnology semester II and Semester IV accompanied by four faculty members, Dr. Utpal Dongre, Assistant Professor and Head of the department of Biochemistry, Mr. Pradip Hirapure, Assistant Professor, Department of Biotechnology, Ms. Rita Lakkakul Assistant Professor, Department of Biochemistry and Ms. Swati Chimurkar, Assistant Professor, Department of Biochemistry. Principal of the college Dr. Mrs. B. A. Mehere wished all the students best and safe journey. On 20th April 2023, all the students were asked to gather at Nagpur railway station by 4.00 P.M and the train left the station by 5.30 P.M. from Nagpur. On 21st April 2023, everybody safely reached Hyderabad and accommodated in the Fab hotel, Royal residency, Lakdikapul.

Day 1:

On the day 1, everybody left for **NIAB** and reached there at 11.00 A.M. At NIAB institute Dr. Souvik Sen Sharma, Scientist-B warmly welcomed us and gave a short presentation about NIAB institute and its work culture. He explained us that the mission of the institute is to develop sustainable and globally competitive livestock industry through innovative technology and the vision is 'To demonstrate excellence in promoting and commercializing leads in biotechnology and to produce globally competitive livestock products, pharmaceuticals and biologicals for animal health care'. He also addressed that NIAB focuses on translational

research and foster bio-entrepreneurship in the animal biotechnology sector through research in the cutting edge areas of biotechnology for improving health and productivity. They also Develop strategies for conservation of indigenous livestock and poultry and establish gene banks for genes of interest. The institution forms an interface between public institutions and industries in animal biotechnology. He said that a key feature of NIAB is that it will function as an incubator for startup companies and also develop trained manpower for industry. It will also act as a national repository of biotech products and processes. After that a lab tour was done for students so that they can better understand the working mechanism of the institution. On the similar day, Golconda fort was also visited by the students at around 4.00 P.M. after that students had dinner and took rest.

Day 2:

At around 11.00 A.M. students and faculty members visited **Nehru Zoological Park**. Nearly 100 species of birds, animals and reptiles are housed at the zoo, including indigenous animals like the Indian rhino, Asiatic lion, Bengal tiger, panther, gaur, Indian elephant, slender loris, python, as well as deer, antelopes and birds. The nocturnal house at the zoo artificially reverses night and day for the animals so that nocturnal animals are active while visitors are at the zoo. This exhibit includes fruit bats, slender loris, slow loris, civets, leopard cats, hedgehogs, barn owls, mottled wood owls, fishing owls, and great horned owls. There is also an aquarium, dino park, butterfly park and tortoise house. On the similar day, students visited Birla Temple and Hussain Sagar Lake.

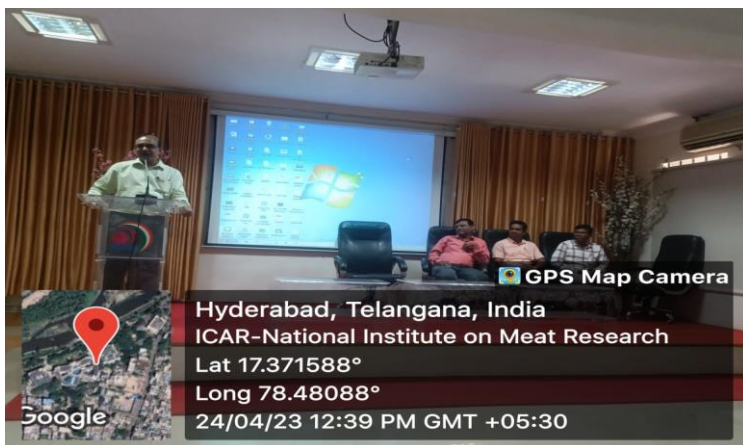
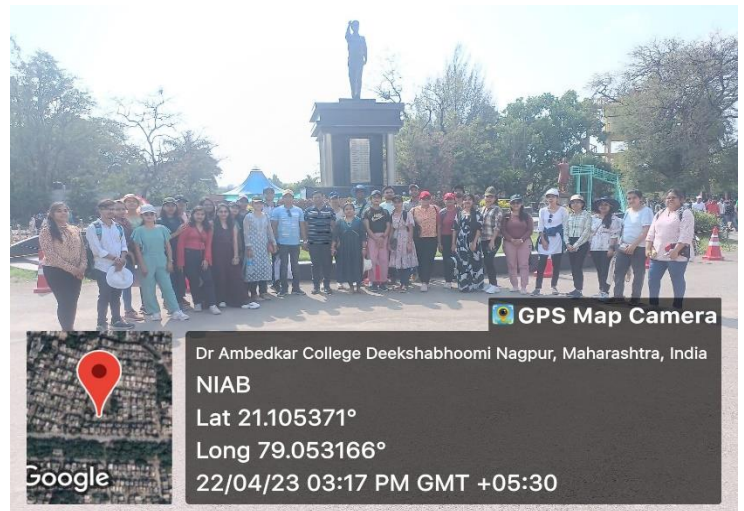
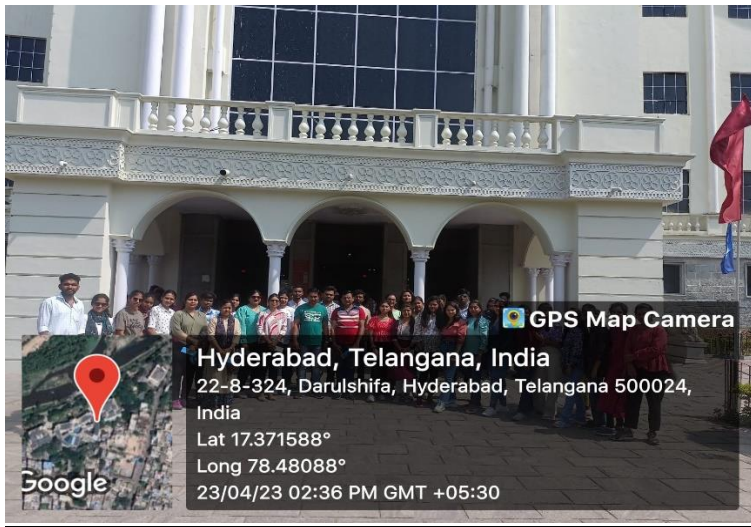
Day 3:

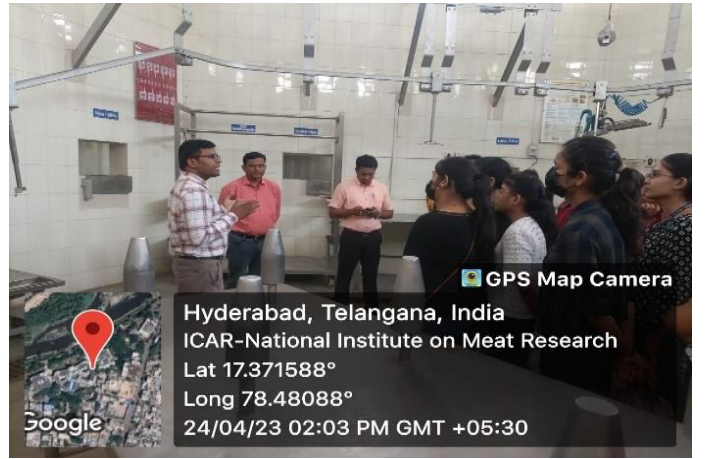
On the third day, students visited **The Salar Jung Museum**. It is an art museum located at Dar-ul-Shifa, on the southern bank of the Musi River in the city of Hyderabad, Telangana, India. It is one of the notable National Museums of India. It has a collection of sculptures, paintings, carvings, textiles, manuscripts, ceramics, metallic artefacts, carpets, clocks, and furniture from Japan, China, Burma, Nepal, India, Persia, Egypt, Europe, and North America. It is one of the largest museums in the world. Students have enjoyed a lot and gained knowledge about the history of Indian art and collections.

Day 4:

On the last day, at around 11.00 AM everybody departed for **National Research Centre on Meat (NRCM)** located at chengicherla, boduppal. Here The director, **S.B.Barbuddhe**, welcomed all the students and the faculty members and addressed the students. He said that ICAR-NRCM is a premier institution of meat research to solve the problems and face challenges of meat and allied sectors development. He also told the student that the vision of the institution is to develop modern organized meat sector through meat production, processing and utilization technologies to serve the cause of meat animal producers, processors and consumers. He also addressed that the Basic and applied research in meat science and technology is important for meat production, processing, value addition and utilization, Capacity development for different levels of personnel in meat sector. It also serves as National repository of information in meat and allied sectors. He highly motivated students and asked them to join the institution for research after their masters. Later, a lab tour was provided to all the students to gain knowledge as to how the ICAR-NRCM processes imported and exported samples to identify adulteration to prevent diseases. Students have gained a huge knowledge and enjoyed thoroughly. On the similar day, everybody departed for the railway station and reached Nagpur on 25th April 2023. Around 31 students participated in the visit and gave an overwhelming response regarding the visit.

Glimpses of the Four Day Educational Visit to NIAB and NRCM Hyderabad





Dr. Ambedkar College, Deekshabhoomi, Nagpur
Department of Biotechnology & Biochemistry
Educational Visit at Hyderabad

Attendance

Sr	Name	M.Sc BT & BC	Mobile No. (Self)	Mobile no. (parents)	Signature	Signature
1	Prachi Aglave	BT - 2 nd Sem	7447293401	9422101975	<i>Prachi</i>	
2	Tejashree Sirsat	BT - 2 nd Sem	9607816197	7020163285	<i>Tejashree</i>	
3	Mansvi Deshmukh	BT - 2 nd Sem	8010024781	9921858859/7972754885	<i>Mansvi</i>	
4	Diksha Pakhale	BT - 2 nd Sem	8380989522	8180090283/7758800283	<i>Diksha</i>	
5	Shubham Pathare	BT - 2 nd Sem	9588434013	9421657732	<i>Shubham</i>	
6	Shreyashree jambhulakar	BT - 2 nd Sem	7709486200	9881715070	<i>Shreyashree</i>	
7	Sachi Chavhan	BT - 2 nd Sem	9370495882	9075121431	<i>Sachi</i>	
8	Srushti Shedmake	BT - 2 nd Sem	7378369673	9637834958	<i>S. Shedmake</i>	
9	Alka Dubey	BC - 2 nd Sem	8530418608	8999470219	<i>Alka</i>	
10	Anjali Panicker	BC - 2 nd Sem	7020482844	8856068340	<i>Anjali</i>	
11	Suhas Baingane	BC - 2 nd Sem	7249130099	9921361235	<i>Suhas</i>	
12	Prachi Asutkar	BC - 2 nd Sem	9067560116	9922301009	<i>Prachi</i>	
13	Devyani Chute	BC - 2 nd Sem	7499515688	9923429631	<i>Devyani</i>	
14	Anushka Chinchmalatpure	BC - 2 nd Sem	9175417159	9325504171	<i>Anushka</i>	
15	Shriya Thakare	BC - 2 nd Sem	7721001646	7387450026	<i>Shriya</i>	
16	Shruti Trivedi	BC - 2 nd Sem	8975059093	9921628552	<i>Shruti</i>	
17	Deepika Nakade	BC - 2 nd Sem	8459786185	9921228983	<i>Deepika</i>	
18	Prashik Ganvir	BC - 2 nd Sem	9665267697	9967144161	<i>Prashik</i>	
19	Samiksha Bombade	BC - 2 nd Sem	8308564271	7057700376	<i>Bombade</i>	
20	Sakshi kalamkar	BT - 4 th Sem	8600849852	9890636061	<i>Sakshi</i>	
21	Dikshita Motghare	BT - 4 th Sem	9284029976	928402976	<i>Dikshita</i>	
22	Niharika Bute	BT - 4 th Sem	7448250789	8805853567	<i>Niharika</i>	
23	Pranjali Shahu	BT - 4 th Sem	7000383629	7000450110	<i>Pranjali</i>	
24	Aman Sheware	BC - 4 th Sem	9112343728	9422331488	<i>Aman</i>	
25	Snehal Sorte	BC - 4 th Sem	9552004148	9096332462	<i>Snehal</i>	
26	Mohit Janbandhu	BC - 4 th Sem	8459073063	9422812861	<i>Mohit</i>	
27	Vishal Jadhav	BC - 4 th Sem	9075885843	9370457058	<i>Vishal</i>	
28	Purva Dhupe	BC - 4 th Sem	8007161784	9823124655	<i>Purva</i>	
29	Vaishnavi Bhange	BC - 4 th Sem	8446264090	9175090073/9175516614	<i>Vaishnavi</i>	
30	Arti Kale	BT - 4 th Sem	9021026755	9923145812/8180842895	<i>Arti</i>	
31	Gangabhavani Gudala	BC - 2 nd sem	8446059750	9970015577	<i>Gudala</i>	

Dr. Ambedkar College Deekshabhoomi Nagpur

Department of Biochemistry and Biotechnology

Four Day Educational visit to NIAB and NRCM Hyderabad-2023

Feedback form

Name: Tejashri Vilas Sirsat. Class: Misc - II Sem

Subject Biotechnology Semester: II Date: _____

1. Write the name of research institute visited

- National Institute of Animal Biotechnology.
- National Research center on meat.

2. Which new Research Area learned from this educational visit

HPLC, Scanning electron microscope,
Transmission Electron microscope, Gel -
documentation, Research on transgenic animals.

3. Which instruments you seen during educational visit

HPLC, Scanning electron microscope,
Transmission Electron microscope.

4. How this educational visit helpful for you in your future

it's helpful for do Research on transgenic
animals.

5. Educational visit was relevant to your subject area

yes.

6. How was food quality during the visit

good.

7. How was accommodation quality during visit

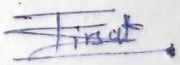
good.

8. Your comments on overall management of this educational visit

overall management of this educational visit
is excellent.

9. Your suggestion

None.


Signature

Dr. Ambedkar College Deekshabhoomi Nagpur

Department of Biochemistry and Biotechnology

Four Day Educational visit to NIAB and NRCM Hyderabad-2023

Feedback form

Name: Shreyashree Gautam Jambhulkar Class: M.Sc Sem-02 (BT)
Subject: Biotechnology Semester: II Date: _____

1. Write the name of research institute visited

NIAB → National Institute of Animal Biotechnology
NRCM → National Research Centre on Meat

2. Which new Research Area learned from this educational visit

Research on transgenic animals (livestock), DNA profiling

3. Which instruments you seen during educational visit

HPLC, Transmission electron microscope, scanning electron microscope, gel documentation, Embryo Micro Manipulating system.

4. How this educational visit helpful for you in your future

The visit exposed us to various biochemical techniques which could help us in better research practices.

5. Educational visit was relevant to your subject area

Yes

6. How was food quality during the visit

Good

7. How was accommodation quality during visit

Good

8. Your comments on overall management of this educational visit

The overall management was good.

9. Your suggestion

None.

Jambhulkar
Signature

Dr. Ambedkar College Deekshabhoomi Nagpur

Department of Biochemistry and Biotechnology

Four Day Educational visit to NIAB and NRCM Hyderabad-2023

Feedback form

Name: Shriya B. Thakur Class: MSc 1st yr (Bc)
Subject: Biochemistry Semester: Sem-2 Date: 6-05-2023

1. Write the name of research institute visited
National Institute of Animal Biotechnology (NIAB)
National Research Centre on Meat (NRCM).
2. Which new Research Area learned from this educational visit
Advanced PCR, HPLC, Meat Research Area, etc.
3. Which instruments you seen during educational visit
HPLC, PCR, Microscopes - Electron, Research
centre of Meat, etc.
4. How this educational visit helpful for you in your future
The perspective about the internships & research,
completely changed. It helps us in our
incoming projects & also in our jobs.
5. Educational visit was relevant to your subject area
Yes.
6. How was food quality during the visit
Very Good Quality
7. How was accommodation quality during visit
Very ~~effective~~ spacious, Good, Safe,
comfortable.
8. Your comments on overall management of this educational visit
Management was very good, & the teachers were
very supporting & loving & overall trip was
very informative & interesting
9. Your suggestion
No suggestions.

Shriya B.
Signature

Dr. Ambedkar College Deekshabhoomi Nagpur

Department of Biochemistry and Biotechnology

Four Day Educational visit to NIAB and NRCM Hyderabad-2023

Feedback form

Name: ANUSHKA CHINCHMALATPURE Class: MSC BIOCHEMISTRY (sem 2)

Subject BIOCHEMISTRY Semester: SEM-2 Date: 06/05/23

1. Write the name of research institute visited
NIAM:- National Institute of Animal Biotechnology
ICAR-NRCM:- National Research Centre on Meat
2. Which new Research Area learned from this educational visit
Different research on meat, proteins, ~~gene~~
transgenic animals etc.
3. Which instruments you seen during educational visit
Fluorescence microscope, super resolution microscope,
TEM, SEM, live cell imaging etc.
4. How this educational visit helpful for you in your future
got an idea on how research is carried out and
what many measures are needed. One can study
further ~~at~~ very ~~low~~ level.
5. Educational visit was relevant to your subject area
Yes! many research topics were related to our subject.
6. How was food quality during the visit
Food quality was ^{very} satisfactory.
7. How was accommodation quality during visit
Accommodation quality was good as well
as safe.
8. Your comments on overall management of this educational visit
Management was very good.
9. Your suggestion
No suggestions.

Anushka
- C
Signature