

GOVERNMENT DEGREE COLLEGE

Hayathnagar, R.R. Dist, TS.



Field Trip Report

INDUSTRIAL VISIT TO NARMUL-MOTHER DAIRY, HAYATHNAGAR

14-09-2019

Organized by

Department of Zoology, GDC, Hayathnagar

Submitted to

Department of Zoology

for Zoology Paper-VI [Practical]

[Applied Zoology]

by

Class: B.Sc, BZC III yr students

Guide Teachers 1. B. Srinivas Reddy, Asst.Prof of Zoology

2. Dr. N. Rajkumar, Asst.Prof of Zoology

Industrial visit to Mother Dairy on 14-09-2019

OBJECTIVES:

This field trip was arranged to know the following:

1. Estimation of fat level in milk
2. Microscopic studies of milk
3. Centrifugation methods.
4. Pasteurization mechanism.
5. Different milk chilling methods.
6. Observation of various milk products.
7. Packing of milk and other milk products.
8. Transportation of milk etc.

Faculty attended: 1. B. Srinivas Reddy, Asst.Prof of Zoology
2. Dr. N. Rajkkumar, Asst. Prof. of Zoology
3. P. Subash , Asst Prof of Botany

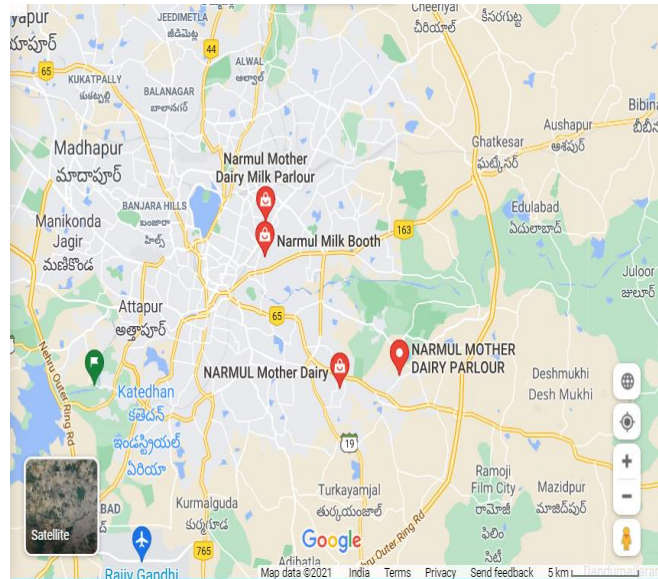
STUDENTS ATTENDED THE FIELD TRIP

S.No	Roll No	Name of the Student
1	114217445508	PADAKANTI SRINU
2	203717445502	BIJILI MANEESHA
3	203717445505	DEEPIKA NAMILLAPALLI
4	203717445509	JAKKULA RAMADEVI
5	203717445510	KARIMELA DEEPA
6	203717445514	MEDAPATI SUSMITHA
7	203717445516	MIDTHAPALLY SUJATHA
8	203717445519	NOOKALA AKHIL
9	203717445521	PANNALA SWATHI
10	203717445522	P. SUMANTH KUMAR
11	203717445523	P. KRISHNAVENI
12	203717445524	PUPPALA SWAMYDAS
13	203717445527	THEEGALA ASHWINI
14	203717445529	YERRA ANIL

About NARMUL Mother Dairy, Hayathnagar, Ranga Reddy District, Telangana State.

The Nalgonda-Ranga Reddy Milk Producers Mutually Aided Coop. Union Ltd. was registered on 25.02.1986. The Union is having 20 Milk Units in Nalgonda, Yadadri-Bhongir, Suryapet districts and 4 in Ranga Reddy and Vikarabad districts and one feed mixing plant is situated at Bhongir so as to supply cattle feed to the farmers of the Five districts.

It is an ethically managed company with professional skills for enhancing value of an Enterprise for every stakeholder through Innovation by continuous learning of entrepreneurial & empowered team to make the company of the Global Repute on the horizons of Dairy. Delighting every home with Fresh & Healthy products & empowering the Farmers.



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Field Trip to NARMUL-MOTHER DAIRY
Department of Zoology on 14-09-2019
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Plate: 1. Students are being explained about the Protocols of the dairy technology.



Plate: 2 Students listening to the explanation by Technical Staff at the pasteurization unit



Plate: 3 Milk storage unit



Plate: 4. Packing unit

Field Trip Report:

Activities: During this industrial visit, the Students were explained and demonstrated the following protocols, units and their activities at Dairy Technology Unit.

1. Explained about protocols in dairy technology.
2. Observed milk Pasteurization process.
3. Observed Milk storage methods.
4. Milk fat/density estimation studies.
5. Microscopic studies for pathogens.
6. Various Cryopreservation methods.
7. Observed different milk products.
8. Packing and Marketing of milk/milk products.
