

GDC RAjampeta
Department of Zoology
Activities 2024-25

1. Name of the Activity	FIELD VISIT
2. Name of the Lecturer	Dr. N. Chandra Mohan
3. Date	20-09-2024
4. Number of students participated	15
5. Number of faculty involved	1
6. Aim & Objectives – • To know the location of the dairy farm • To know the housing of dairy animals • To know the characters of different species of dairy animals maintained in the dairy farm. • To know the milk yielding from dairy animals. • To know the feeding in the dairy. • To know the cleaning and sanitation of dairy farm. • To know the usage of wastages from dairy industry. • To know the equipment used for the preparation of dairy products.	
7. <u>Brief Report :</u> ➤ Dept. of Zoology was conducted a Field Visit on 20-09-2024, for visiting the S.V Gosamsrakshana shala and veteriniray college, Tirupati, chittoor dt. ➤ It is maintaining by Tirumala Tirupathi Devasthanams, Tirupati. Here are about 1000 Indegenous and Exotic Cattles and Bulls were rearing in 14 sheds. Majority of the species belongs to Indigenous species. such as Ongole, Jersey, Kankrej, Kangayam, Kapila, Red sendhi, Punganur, Vechur, Malanad gidda, Hallikar, Sahiwal, Gir etc. All are pure breeds. The housing systems are both open paddac an semi convensional barns. Cattles are tied in both head-to-head and tail-to-tail system. For breeding Natural and Artificial insemination methods were using. ➤ The main purpose of this farm is to protect and conserve indigenous cattle breeds and supply milk to the Tirumala and other related Tirumala Tirupathi Devasthanams at tirupathi and thirumala. The students directly visited and known the structure of dairy farm, different species of cattles and management practices. ➤ They are giving Green fodder (Green napier and yellow orange napier grass)to the pregnant animals lmixed type of feed to the cattles. The feed ratio is 1/3 of milk yielding. ➤ They are Producing Biogas from the wastes of dairy farm (urine, dung, wash water, residual milk, and waste feed). ➤ In S.V Veterinary college, students known the process of cream separation, Pasteurization, Homogenization process of milk from the staff.	

- From this field trip students gain more information about Management practices of dairy farm and Equipment of Dairy products from the staff of dairy farm and Dairy technology college staff and felt very happy.



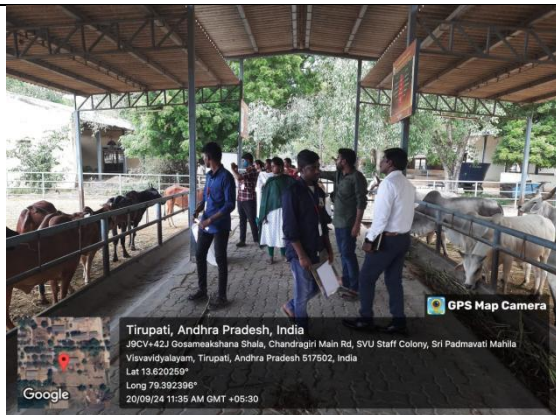
Started journey for field trip



At S.V Gosamrakshanashala, Tirupathi



Students know the characters of cattles from Dr. Syam. Veterinary Doctor



Calf shed



Cattle shed - Tail to Tail system



Bull shed



Bull exercising equipment



Feed cutting machine



Napier grass



Milk collecting cans



Manure



Biogas plant



Conventional barn system



Open paddock



Group photo with Dr. Syam garu, Veterinary Doctor



At S.V Veterinary University, Tirupathi



Students know the Pasteurization and Homogenization process from Dr. Manjunatha, Asst. Professor, Veterinary college, Tirupahti

Name of the Activity : Field Trip - S.V. Gashada S.V. Veterinary College, Tirupathi
 Date : 20/9/2024
 Class : III B2C PGB4TB
 Number of students participated : 15
 Organized by : Faculty of Zoology.



Milk Packaging machine

S.No	Name of the student/Person	Class/Designation	Signature
1.	Y.SRAVANI	III B2C	Y.Sravani
2.	P.VYSKHAVI	III B2C	P.Vyskhaavi
3.	C. SUNIL	III B2C	C.Sunil
4.	G. KANITHK	III B2C	G.Kanithk
5.	M.SAD PARTHIK	III B2C	M.Sad Partik
6.	K.NIRMALA KUMARI	III B2C	K.Nirmala Kumari
7.	B.VANI	III B2C	B.Vani
8.	P. RADHIKA	III B2C	P.Radhika
9.	T. SRAVANI	III B2C	T.Sravani
10.	A.Nireekshana Rajulu	III B2C	A.Nireekshana Rajulu
11.	K. Nandini	III B2C	Nandini
12.	T. Mounika	III B2C	T.Mounika
13.	G. Venkata Prasanna	III B2C	G. Venkata Prasanna
14.	E. Reddamma	III B2C	E.Reddamma
15.	S. kadiriah	III B2C	S.kadiriah

Sign. Of the lecturer:

Dr. N. Chandra Mohan