



AISHE Code: C-27584

ISO Certified 9001:2015

**GOVERNMENT DEGREE COLLEGE, THORRUR**

MAHABUBABAD DISTRICT, TELANGANA STATE – 506163

e-Mail: [jc.gdc.thorrur@gmail.com](mailto:jc.gdc.thorrur@gmail.com), Mobile: 8008307999

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**DEPARTMENT OF DAIRY SCIENCE**

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## **DEPARTMENT OF DAIRY SCIENCE**

### **ABOUT DEPARTMENT**

The Government Degree College, Thorrur was established in the year 2008. The Department of Dairy Science has been started from 2020-21 Academic year. Insitution offers an Undergraduate Programme in Dairy Science Course. Initially, B.Sc. (Programme) in Life Sciences was offered with Dairy Science, Zoology and Chemistry combination. The Department of Dairy Science has a spacious classroom cum laboratory. The Department of Dairy Science aims at imparting quality education to the students and transforming them to be self reliant.

### **VISION & MISSION**

#### **Vision**

1. To transform the students to excel in academics, research and model them to be self reliant.
2. To shape the students to be responsible citizens of the nation.

#### **Mission**

1. To impart knowledge in students as per the curriculum.
2. To develop cognitive, affective and psychomotor skills in the students.
3. To motivate the students towards research.
4. To create employable skills in the students.
5. To train the students to get opportunities for higher education.
6. To inculcate ethical and moral values in the students

## **DEPARTMENTAL PROFILE**

1. Name of the Department : Dairy Science
2. Year of Establishment : 2020
3. Programmes / Courses offered : B.Sc. Life Sciences  
Dairy Science, Zoology, Chemistry
4. Annual/ Semester/Choice based credit : B.Sc. (Choice Based Credit System)  
System (programme wise) Semester System
5. MoUs with other Departments : Department of Dairy Science is having  
MoUs with, Dr. Venkat, Veterinary Doctor  
Primary Veterinary Centre, Thorrur
6. Number of Teaching posts:

<b>DESIGNATION</b>	<b>SANCTIONED</b>	<b>FILLED</b>
<b>Guest Faculty</b>	<b>1</b>	<b>1</b>

7. Faculty Details:

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>No. of Yearsof Experience</b>
B.Nagesh Babu	M.Sc., B.Ed	Guest Faculty	15 years

8.Student -Teacher Ratio (Programme wise) : B.Sc. (Life Sciences) Dairy Science - 1 : 50

9. Teaching methods adopted to improve

Student learning

: Lecture method, Lecture Demonstration, Experimental method.

Student centric methods - Student Seminar, Quiz, Group Discussion, Elocution and Essay writing, Study Project .

10. Participation in Institutional

Social Responsibility (ISR)

and Extension Activities

: Participation in academic, NSS, cultural and literary events

**COURSES/ PROGRAMMES OFFERED**

New Vocational course **Dairy Science** was introduced in B.Sc. Programme (Life Sciences) under the Choice Based Credit System in the year 2020-21.

The courses offered by the institute at present are given in the table below.

<b>PROGRAMME</b>	<b>GROUP/ COMBINATION OF COURSES</b>	<b>MEDIUM</b>
B.Sc.	DZC/ Dairy Science, Zoology, Chemistry	English

## **COURSE DETAILS**

Presently, there are six papers in the Dairy Science Course, one paper per Semester.

**The papers in the Dairy Science Course are given below.**

<b>S.NO.</b>	<b>YEAR</b>	<b>SEMESTER</b>	<b>PAPER</b>
1	I	I	Dairy Husbandry - 1
2		II	Dairy Husbandry - 2
3	II	III	Dairy Cattle Nutrition
4		IV	Dairy Development and Cooperative Societies
5	III	V	Technology of Dairy Products - 1
6		VI	Technology of Dairy Products - 2

## **STUDENT ENROLMENT**

There is a vast improvement in the enrolment of students in the B.Sc. (Dairy Science) programme during the last two years. The relentless efforts of the faculty have helped in the improvement of the student enrolment.

<b>Academic year</b>	<b>Strength</b>
2020-2021	56
2021-2022	58
2022-2023	63

## FACULTY PROFILE

The details of the faculty in the Department of Dairy Science since in the year 2020 are given below.

S.NO.	NAME OF THE FACULTY	EDUCATIONAL QUALIFICATION	DESIGNATION	DURATION FROM	TO
1.	B. Nagesh Babu	M.Sc. BE.d	Guest Faculty	10-08-2021	Till to Date

## TIME TABLE

2022-2023 (I-VI SEMESTERS)

**TIME - TABLE**

Sl. No.	DAY	1st Period Time 10:00-11:30	2nd Period Time 11-12 <sup>PM</sup>	3rd Period Time 12-1 <sup>PM</sup>	4th Period Time 1:30-2:30	5th Period Time 2:30-3:30	6th Period Time 3:30-4:30	REMARKS
1.	MONDAY	DAIRY II	DAIRY I	DAIRY III	III Lab TDS <sub>2</sub>	III Lab TDS <sub>2</sub>	III Lab TDS <sub>2</sub>	
2.	TUESDAY	DAIRY II	DAIRY I	DAIRY III	III - Lab TDS <sub>1</sub>	III Lab TDS <sub>1</sub>	III Lab TDS <sub>1</sub>	
3.	WEDNESDAY	DAIRY II	DAIRY I	DAIRY III	II - Lab SDS <sub>1</sub>	II Lab SDS <sub>1</sub>	II Lab SDS <sub>1</sub>	
4.	THURSDAY	DAIRY II	DAIRY I	DAIRY III	II - Lab SDS <sub>2</sub>	II Lab SDS <sub>2</sub>	II Lab SDS <sub>2</sub>	
5.	FRIDAY				I Lab FDS <sub>2</sub>	I Lab FDS <sub>2</sub>	I - Lab FDS <sub>2</sub>	
6.	SATURDAY				I - Lab FDS <sub>1</sub>	I Lab FDS <sub>1</sub>	I Lab FDS <sub>1</sub>	

## **TEACHING LEARNING PROCESS**

The Department of Dairy Science provides a conducive environment for the process of teaching and learning. The curriculum is framed by the affiliated university and examinations are conducted by the same the University. The teaching is done as per credits and hours allotted for theory and practical. The teaching is done in an effective manner by adopting various methods to enable the students to learn comfortably. The learned concepts are assessed by Internal Assessment and University Examination.

### **Teaching Methods**

The teaching methods usually adopted are Lecture method, Lecture demonstration method and Experimental method. The student centric methods adopted in teaching are Student Seminar, Quiz, Group Discussion, Elocution and Essay writing.

### **ASSIGNMENTS**

Assignments are given on important topics in the curriculum regularly. Students complete their assignments in the stipulated time.



## STUDENT SEMINAR

Student Seminar is one of the best methods of learning. Students teach fellow students on a particular topic. Suggestions will be given to the student seminar presenter. The peers also give their feedback on the presentation.



Student Seminar by Y.Praveena Kumari, B.Sc. II year on 28-12-2022



Student Seminar by G.Gangothri B.Sc. I year

## QUIZ

Quiz is conducted every year for all B.Sc. (Dairy Science) students on the topics related to the curriculum. Students actively participate in the Quiz programme every year. Quiz helps the students in extensive reading.



**Quiz conducted on 09-03-2022**

## GROUP DISCUSSION

Group Discussion develops critical thinking and communication skills. The whole class is divided into groups based on numerical strength. A thought provoking question is raised. Students discuss among themselves and each group presents their opinion.



**Group Discussion conducted on 14-11-2021**

## **EXTENSION LECTURES**

Extension Lectures have been organized by the department to energize the students, add value to the learned concepts and offer a new perspective. The faculty from other institutions, Retired faculty and Faculty from Kakatiya University are invited to give extension lectures.



**Extension Lecture by Dr.M.Ramulu Rtd, Assistant Professor**

## FIELD TRIPS

Field Trips are organized by the department to enable the students to learn through real world experience and hands - on experience.



**Field trip to VIJAYA DAIRY in the year 2021-22**



**Field trip to Kakatiya Zoological Park, Warangal**



**Field Trip to Milk Chilling Centre at Thorrur**



**Field Trip to Allam Brothers Milk Dairy Thorrur**



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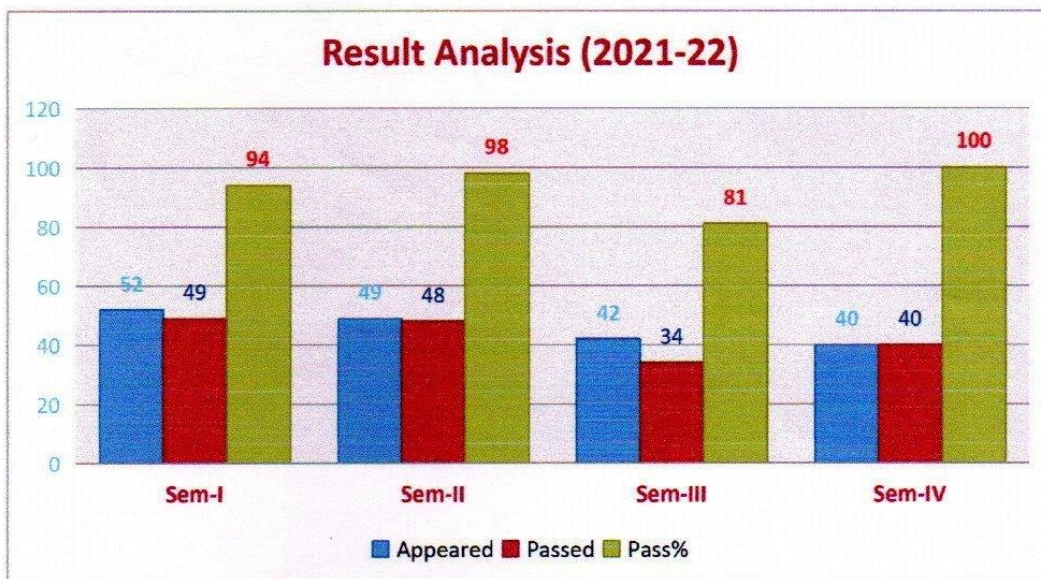
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## DEPARTMENT OF DAIRY SCIENCE

### Result Analysis

Result Analysis	Sem-I			Sem-II			Sem-III			Sem-IV		
	A	P	%	A	P	%	A	P	%	A	P	%
2020-21	53	53	100	40	40	100	.	.	.	.	.	
2021-22	52	49	94	49	48	98	42	34	81	40	40	100



## **CERTIFICATE COURSES /ADD ON COURSES**

The Department of Dairy Science has introduced certificate course for the benefit of students in the last two years. These courses would help the students to gain self employment. All the students of the college are eligible to enroll in the courses. The certificates will be issued based on their performance in the assessment test and percentage of attendance.

<b>S.No.</b>	<b>Academic Year</b>	<b>Name of the Certificate Course</b>	<b>Number of students enrolled</b>	<b>Number of students completed the course</b>
1.	2020-2021	Dairy Farming	20	18
2.	2021-2022	Dairy Farming	20	18
3.	2022-2023	Dairy Farming	20	16

## **EXTENSION ACTIVITIES**

### **A) Additional Responsibilities held**

<b>S.No.</b>	<b>Name</b>	<b>Designation</b>	<b>Additional Responsibility</b>	<b>Position</b>
1.	B.Nagesh Babu	Guest Faculty	NSS & Examination Branch	Member

NSS



Plantation at the New College Building



Plantation at Velikatte village



Shramadanam



Swachhbarat





**Distribution of Clay Ganesh Idols**



**AIDS Rally**

## **Awareness through Celebration of Important Days**

Important Days like World Veterinary and National Milk Day have been celebrated to create awareness among the students. Competitions in the related topics have been conducted for widening their knowledge.



**National Milk Day conducted on 26-11-2022**

## Admission Campaigning

The Department of Dairy Science participates in Admission Campaigning every year. The faculty visit Junior Colleges and Villages for door to door campaign.





## **COLLABORATIONS WITH OTHER DEPARTMENTS AND INSTITUTIONS**

The Department of Dairy Science has signed Memorandum of Understanding with four institutions in the last two years. The MoU is for Collaborative research and for promoting cooperation in areas of mutual interest.

S.No.	Name of the Institution	Date of MoU	Duration
1.	Govt Primery Veterinary Centre	05-10-2020	3 years

## **BEST PRACTICES**

The Department of Dairy Science implements some of the practices every year which can be designated as Best Practices. The practice is vaccination for dairy cattle in villeges.



## **FUTURE PLANS**

- The Department of Dairy Science envisions to improve the enrolment of students.
- The department wishes to initiate Post Graduation Courses.
- To initiate job oriented multidisciplinary courses in B.Sc. Programme.