

Govt. Degree College, Rajampeta

Department of ZOOLOGY

Academic year: 2024-25

1. Name of the Activity	GROUP DISCUSSION
2. Name of the Lecturer	Dr. N. Chandra Mohan
3. Date	20-02-2025
4. Number of students participated	09 (I year II Sem Zoology Honours)
5. Number of faculty involved	1
6. Aim & Objectives: • To Gain the knowledge about definition and types of cells. • To know the definition of definition of polymorphism. • To know the different types of zooids present in phylum coelenterata. • To know the differences between Polyp and Medusa. • To know the polyp and medusa forms and their importance. • To know the polymorphic animals and theories. • To change the classroom environment. • To enhance the thinking power of students. • To improve the discussion skills of students.	
7. Brief Report: ➤ I (Dr. N. Chandra Mohan) conducted a Group Discussion Programme to II Sem Zoology Students on 20-02-2025. ➤ From this programme the students were discussed the topic“Polymorphism in Coelenterates. ➤ Polymorphism in coelenterates is when a colony has multiple types of individuals, each with a specific role or function. This division of labor helps the colony survive by allowing it to exploit its environment. ➤ Coelenterates exhibits mainly in two forms - 1. Polyp: These individuals are adapted for feeding, protection, and asexual reproduction. They have a tubular body with tentacles around the mouth. 2. Medusae: These individuals are primarily responsible for sexual reproduction ➤ Polyp forms - gastrozooids, dactylozooids and gonozooids. ➤ Medusa forms - Pneumatophores, Nectopore or Nectocalyx or swimming zooid, Bracts and Gonophores : ➤ Ex : Physalia, Hallistemma and porpita ➤ Polymorphic theories - Poly - organ theory, Poly person theory and medusa theory.	



Students discussed the topic - Polymorphism in coelenterata.

Discussed points

1. Definition of Polymorphism.
2. Types of Zooids in Phylum Coelenterata.
3. Polymorphic forms of polyp and medusa.
4. Importance of polymorphism in Coelenterata.
5. Polymorphic theories.

Name of the Activity : Group Discussion - Polymorphism in Coelenterata
 Date : 20-02-2025
 Class : II Sem - Major Zoology
 Number of students participated : 9
 Organized by : Dr. N. Chandra Mohan, Lecturer in Zoology

S.No	Name of the student/Person	Class/Designation	Signature
1.	R. Chittir Bai	B.Sc Zoology	R. Chittir Bai
2.	I. Meghana	B.Sc Zoology	I. Meghana
3.	C. Renika	B.Sc Zoology	C. Renika
4.	B. Pranathi	B.Sc Zoology	B. Pranathi
5.	B. Anuradha	B.Sc Zoology	B. Anuradha
6.	P. Tytti	B.Sc Zoology	P. Tytti
7.	J. Ryshika	B.Sc Zoology	J. Ryshika
8.	S. Venkatesh Subramanyam	B.Sc Zoology	S. Venkatesh Subramanyam
9.	S. Vichu	B.Sc Zoology	S. Vichu

(Signature)

Signature of the lecturer: Dr. N. Chandra Mohan