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	01-11-2024
4. Number of students participated	09
5. Number of faculty involved	1
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6. Aim & Objectives:

- To Gain the knowledge about the general characters of birds.
- To know the flight adaptations in birds.
- To change the class 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 III Sem Students on 01-11-2024.
- From this programme the students were divided into 3 groups. All the students discussed the topic "Flight adaptations in Birds"
- Birds, over millions of years, have developed not just wings, but a variety of adaptations that assist them in flying. Birds have a solid, yet lightweight bone structure. This is accomplished by merging and removing some bones while hollowing out the rest. Some bones of the pelvic girdle and vertebrae are fused together. Broadly, there are three kinds of flight adaptations in birds: Morphological Adaptations, Anatomical Adaptations and Physiological adaptations.
- **Solution** Body shape, beak, wings and feathers and hind limbs
- Flight muscles, Pneumatic bones, furcula, synsacrum, pygostyle, sternum with keel and pecten in eyes.
- ✤ Gizzard, absence of gall bladder and urinary bladder, large heart, double respiration, presence of right aortic arch and presence of only left ovary.



Discussed points

- 1. Birds character
- 2. Peculiar characters of birds
- 3. Flight adaptations of birds Morphological, Anatomical and Physiological.

	.Name of the	Activity : Group Di	Scussion -	Flight adaptations B	in in 1
	Date	: 01/11/2024		8	51 A 9
	Class	III Sem Zon	by (major)	C5 - chardelis	
	Number of st	udents participated : 09		5	
	Organized by	: Dr.N. Chan	the Mahan	Lecin Zoology.	
	S.No	Name of the student /Derron	Class/Designation	Signature	
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	3.	J. Ayesha Radsus	And Bsc (200)	B. Manuju	
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	8.	R. Hari Chandana J. Solavani	I rel BBC(200)	J. Solavani	
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Signature of the lectu	ror: Dr	Albaha N. Chandra M	ahan		
Signature of the lectur	rer: Dr.	IN. CHANGFA M	onan		

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