

# DEPARTMENT OF ZOOLOGY



**Zoology**, branch of biology that studies the members of the animal kingdom and animal life in general. It includes both the inquiry into individual animals and their constituent parts, even to the molecular level, and the inquiry into animal populations, entire faunas, and the relationships of animals to each other, to plants, and to the nonliving environment. Though this wide range of studies results in some isolation of specialties within zoology, the conceptual integration in the contemporary study of living things that has occurred in recent years emphasizes the structural and functional unity of life rather than its diversity.

## **AIMS & OBJECTIVES**

- 1-The specific learning goals for General Zoology are to provide students with a working knowledge of fundamental principles in zoology that will provide a foundation for their later advanced course work in more specific biological subjects.
- 2- As General Zoology is a basic course, students will become familiar with animal classification schemes and associated taxonomic group diagnostic characteristics as well as developing an understanding of and ability to apply basic zoological principles.
- 3- The laboratory and lecture sections of the course are highly integrated and directed toward teaching students the principles of animal evolution, classification, form and function.


## ***HISTORY***


The Govt Maharani Laxmi Bai Girls P.G. College (New GDC) is one of the prominent colleges in Indore situated in the kila bhavan which has a historical origin as the fort in the Holkar state constructed in year 1860. The college was established within the fort in year 1965 (shifted from a nearby school where it was running since 1963). The college occupies an area of 13 acres approx. with a built-up area of more than 50,000 sq. feet. The college began with a modest strength of 28 students and now the student strength is 3000 students (three thousand approx) as on 31 august 2013 with the faculty like Arts, science, fine arts, home science, BBA, commerce, computer science & Application and library science.

Department of Zoology was established in 1982 with the strength of 50 students which in the current year has come upto 330 .

# DEPARTMENT OF ZOOLOGY

## FACULTY PROFILE WITH DETAILS

<b>Name</b>	Dr. Jagrati sharma (head)	
<b>Qualification</b>	M.Sc. M.Phil. Ph.D.	
<b>Designation</b>	Professor	
<b>Work experience</b>	PG- 04, UG- 35	
<b>E-mail ID</b>	jagratihsarma@gmail.com	
<b>Area of interest</b>	Sericulture, Ichthyology	
<b>seminars</b>	07	
<b>Publications</b>	0	

<b>Name</b>	Dr. Asha Pal	
<b>Qualification</b>	M.Sc. Ph.D.	
<b>Designation</b>	Asst. Professor	
<b>Work experience</b>	33 YEARS 6 MONTH	
<b>E-mail ID</b>	ashapal570@gmail.com	
<b>Area of interest</b>	Cell biology, haematology ,genetics	
<b>seminars</b>	28	
<b>Publications</b>	21	

## ACADEMIC COURSES OFFERED

(2017-2018)

S.No.	Name of course	No. of seat	No. of Admitted
1	B.Sc. (Zoology) Undergraduate	1yr- 60 2 <sup>nd</sup> yr Sem - 3 Sem - 4 3 <sup>rd</sup> yr- Sem - 5 Sem - 6	1yr- 60 2 <sup>nd</sup> yr Sem - 3 Sem - 4 3 <sup>rd</sup> yr- Sem - 5 Sem - 6

## SYLLABUS

S.no	Class	Subject	Paper
1	B.Sc I <sup>st</sup> year	Zoology	(1) Invertebrate (2) Cell Biology and Developmental Biology
2.	B.Sc. II <sup>nd</sup> year	Zoology	(1) Vertebrates and evolution (2) Animal Physiology and Biochemistry
3.	B.Sc. V <sup>th</sup> sem	Zoology	Applied Zoology
4.	B.Sc. VI <sup>th</sup> sem	Zoology	Environmental Biology and Evolution

### STUDENT PROFILE (2017-18)

S.No.	Class	No of admitted	No of Appeared	Pass	Fail	Result (%)
1.	B.Sc I <sup>st</sup> year	108	108	87	21	
2.	B.Sc 2 <sup>nd</sup> year	91	91	III <sup>rd</sup> sem-86 IV <sup>th</sup> sem- 82	III <sup>rd</sup> sem- 05 IV <sup>th</sup> sem- 09	
3.	B.Sc. 3 <sup>rd</sup> year	63	63	V <sup>th</sup> sem- 63 VI <sup>th</sup> sem- 63	V <sup>th</sup> sem-nil VI <sup>th</sup> sem-nil	

### INTERNSHIP DETAILS B.Sc. (2016-2017)

S.No.	Title of The Linkage	Number of students	Duration	Name of Institute
1	Lab Technician	07	60 Hrs.	संयोजक, केरियरमार्गदर्शनप्रकोष्ठ म.ल. बा. कन्यामहाविद्यालय किलामैदानइन्दौर
2	Office Automation	02	60 Hrs.	कृष्णाइन्फोटेकसोसायटीइन्दौर
3	Teacher Ship	01	60 Hrs.	वात्सल्य विद्यालय 16, मेहताकालोनीइन्दौर
4	Basic of Computer	01	60 Hrs.	Terminal Cyber and Online Services

## INTERNSHIP DETAILS B.Sc. (2017-2018)

S.No.	Title of The Linkage	Number of students	Duration	Name of Institute
1	Bio Fertilizer	04	60 Hrs.	Traching Ground, Devguradiya Nemawer Road Indore (M.P.)
2	Green Waste Management	02	60 Hrs.	Traching Ground, Devguradiya Nemawer Road Indore (M.P.)

## EVENTS NEWS & PHOTOGALLERY





Contact :- [departmentbiotech983@gmail.com](mailto:departmentbiotech983@gmail.com)