

DEPARTMENT OF ZOOLOGY
KURUKSHETRA UNIVERSITY KURUKSHETRA

Department Profile

Department of Zoology, Kurukshetra University, Kurukshetra one of the recognized centre of Teaching and Research was established in 1967 under the able leadership of Prof. R.D. S. Bhatnagar, the founder and Head of the Department. The Department was initiated with Master's degree programme in the field of Zoology to impart quality education and to produce a class of committed teachers, researchers and technocrats to safe guard animal ethos and modernize the use of animals in century old traditions in Haryana. Over the years, new faculty and courses have been regularly introduced which kept the department abreast and forerunner in teaching and research in Zoology.

The Department of Zoology buzz with regular academic activities like seminars, Workshops and conferences. Major activities successfully completed include 8 National Conferences and 4 Refresher Courses

Department is equipped with advanced and sophisticated laboratories. The various thrust areas of Research include

- Cytogenetics
- Reproductive Physiology
- Fish Genetics and Biotechnology
- Animal Behaviour and Wildlife conservation
- Entomology

Foreign Visits

Faculty members have liaison with research institutions of repute in India and abroad. A larger number of teachers of the faculty have visited different advanced laboratories in USA, Canada, Japan, Russia, Australia and UK in this context, Prof. J.S. Yadav, Prof. K.K. Rishi, Prof. RDS Bhatnagar, Prof. S.P.Sharma, Prof. L.K. Vats, Prof. R. P. Maleyvar, Prof. R.N. Singla, Prof. Girish Chopra deserve special mention. Apart from great Indian dignitaries distinguished scientist from USSR UK, USA, Canada have also visited our department.

Awards

A number of the teachers of the faculty have received distinction and honour like.

1. National Award in Ornithology.
2. Member IUCN Specialist of fresh water Crocodiles.

3. National Roonwall Award for research in Biology Sciences.
4. National young scientist Award of ISCA.
5. Prof. Narayan Singh Trophy of Gwalior.
6. Prof. J.S. Yadav
 - Fellow of Society of Cytologists and Geneticists (India).
 - Zoological Society of India
 - Dayanand National Academy of Environmental Sciences
 - Nature Conservations
7. Award Millennium Gold Medal by Dayanand National Academy of Environmental Sciences, 2001.
8. A beetle *Hydrochus yadavi* Makhan named in his honour by a Dutch Entomologist.
9. Prof. A.S. Yadav – Fellow of Society of Cytologists and Geneticists.
10. Co-ordinator Undergraduate course of Environmental Studies introduced under the direction of Hon 'able Supreme Court from 2004-2005.

Expert Panels :

Several teachers of our Department have remained and are on National panel of Experts of UGC, ICAR, UPSC, HPSC.

Chairman : Prof. Rajnesh Kumar Sharma

Contact Information : D-61, University Campus,
(O) 01744 – 238196, 238410, 238629
Extn. 2497, 2498
(R) 01744 – 238474, (M) 9466066674

FACULTY INFORMATION

	Joining Date	Specialization	Qualification	Contact information
Chairman				
Dr. R.K. Sharma	01.04.1989	Reproductive & Physiology	M.Sc., M.Phil., Ph.D.	01744-238196, 410, 629, 679 Extn. 2497, 2498 (M) 9466066674
Professor				
Dr. Girish Chopra	26.02.1986	Environment	M.Sc., Ph.D.	9896235132
Dr. Rohtash Gupta	13.07.1982	Animal Behaviour	M.Sc., Ph.D.	9896051979
Dr. R.K. Sharma	01.04.1989	Reproduction & Physiology	M.Sc., M.Phil, Ph.D.	9466066674
Dr. A. S. Yadav	07.04.1989	Cytogenetics	M.Sc., Ph.D.	239224
Reader	2 (two) posts are under process			
Lecturers				
Dr. R.P. Bidhan	22.08.1985	General Zoology	M.Sc., Ph.D.	
Dr. Anita Bhatnagar	20.06.2006	Fish & Fisheries	M.Sc., Ph.D.	9896634580
Dr. Anil Kumar	16.11.2006	Fish & Fisheries	M.Sc., Ph.D.	

COURSES OFFERED

Type of Courses	System of Examination
M.Sc. (2 Years) regular	Annual Examination
M.Phil (1 Year) regular	Annual Examination
Ph.D.	Viva-voce Examination

PROFILE OF DIFFERENT COURSES OFFERED

Degree Type	Course Duration	No of sanctioned seats	Scheme of Examination
M.Sc.	Two years	36 (26+10*)	Annual
M.Phil	One year	15	Annual
Ph.D.	3 + 1		Through viva-voce

DETAILS OF COURSE

Course Name	: M.Sc.
Course Type	: Postgraduate
Exam Scheme	: Annual
Duration	: 2 Years

Year-wise details

M.Sc. 1 Year

Paper code	Paper Name	Paper Type	Paper Remarks	Max. Marks	Internal Marks	External Marks
I	Cell Molecular and Gamete Biology	Compulsory		80		80
II	Biosystematics, Taxonomy, Biotechniques & Tools	Compulsory		80		80
III	Structure and Function of Invertebrates & Chordates	Compulsory		80		80
IV	Population Genetics, Evolution & Quantitative Biology	Compulsory		80		80
V	Practical (Based on paper I & II)	Compulsory		80		80
VI	Practical (Based on Paper- III & IV) Seminar	Compulsory Compulsory		80 20	20	80 -

M.Sc. 2 Year

Paper code	Paper Name	Paper Type	Paper Remarks	Max. Marks	Internal Marks	External Marks
VII	Environmental Physiology & Comparative Endocrinology	Compulsory		80		80
VIII	Biology of Vertebrate Immune system & Genes and Differentiation	Compulsory		80		80
IX	(i) Animal Behaviour, Wildlife & Conservation Biology	Compulsory		80		80
	(ii) Molecular Cytogenetics, Genomes & Genomics					
	(iii) Biomolecules, Structural Biology & Metabolic regulation of Cell functions					
	(iv) Proteins, Nucleic acids and Biotechnology"					
X	(i) Insect Morphology and Physiology	Compulsory		80		80
	(ii) Reproduction Physiology & Neurophysiology					
	(iii) Ichthyology, Aquaculture & Fisheries					
	(iv) Environmental Biology and Toxicology"					
XI	Practical: based on Paper-VII & VIII	Compulsory		50		50
XII	Practical: based on Paper-IX	Compulsory		55		55
XIII	Practical: based on Paper-X Seminar	Compulsory Compulsory		55 20	20	55 -

DETAILS OF COURSE

Course Name : M.Phil
Course Type : Postgraduate
Exam Scheme : Annual
Duration : 1 Year

M. Phil.

Paper code	Paper Name	Paper Type	Paper Remarks	Max. Marks	Internal Marks	External Marks
I	Research Methodology	Compulsory		100		100
II	(i) Recent Advances in Zoology	Compulsory		200	20	100
	(ii) Seminars: 1 2					40 40
III	Dissertation	Compulsory		GRADE		GRADE

FACILITIES

Library : 550 Books Approximately

Teaching Labs. : 4 Research Labs., 2 M.Sc. Labs.
Other facilities : Seminar Room, Computer Lab.

Placement Cell

Ms. Reema Sahani, Roll No. 4 and Mr. Pradeep Kumar, Roll No. 34, M.Sc. (Final) Class have selected in Pradan (**iznku**), a leading NGO Company on December, 2006

Information on Seminar and Conferences

Name of the Conference	Held on	Organized by
Recent Advances in Life Sciences and Environmental Conservation in Welfare of Human Society	February 3-5, 2006	Department of Zoology, Kurukshetra University, Kurukshetra and Indian Society of Life Sciences, Kanpur

Information on Research Activities (Project)

Topic Name	Incharge	Date From	Date To
Study of genomic diversity of human populations of north-west India.	Dr. A.S. Yadav	September, 2004	September, 2007
Growth factor in Follicular growth and atresia in Goat	Dr. R.K. Sharma	2007	

Information on Achievement

Achievement Area	Achievement Details
Academic	Department has successfully produced 37 batches of M.Sc. (Zoology), and about 80 Ph.D. Students and 10 are registered for Ph.D. degree.
Publication and Books	The faculty and Research Scholars of the Department have published more than 1000 Research papers in journals of National and International repute. The faculty members of our Department have authored 15 books. Our department also published one Research Journal named "JEEVANTI" Temporary discontinued from 2003
Projects	Department received Research grant from various agencies like, PL-480, DOE, DST, CSIR, UGC in the form of Research projects. 15 major Research projects have been completed one is running, sanction for one more project has been obtained and 3 projects are submitted and are in pipeline.
NET/SLET	More than 100 of our students are NET/SLET/GATE qualified. Numbers of students of our department are securing very high positions in various institutions.
Alumni	Our alumni include Vice-Chancellor, Director, ZSI, MRI, IFS, Head of various University, Departments and leading research institution of India and abroad. Placement of the students is approximately 100%.

CHAIRMAN

DEPARTMENT OF ZOOLOGY
KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)

No.DZ/2007/_____
DATED: 25.01.2007

To

The Librarian,
Jawaharlal Nehru Library,
Kurukshetra University,
Kurukshetra.

Subject : Web-Portal.

Dear Sir,

Kindly find enclosed herewith Web-Portal information of Zoology Department complete in all respect in **CD** for your kind information and necessary action, please.

Thanking you,

Yours sincerely,

CHAIRMAN

