



**Department of Zoology**  
**Maharshi Dayanand University Rohtak**  
**(NAAC Accredited 'A' Grade)**

**Strategic Plan (2018-2023)**

## **About the Department**

The Department of Zoology came into existence in June 2009. Since beginning, the Department is engaged in running Post Graduate Course in Zoology and PhD programme. The Department has successfully organized 06 National Seminars along with publishing their proceedings with ISBN No. The Department has highly qualified, experienced and committed faculty. The faculty members of the Department are actively engaged in quality research in all major thrust areas of Zoology. The Department is funded by DST-FIST and UGC.

## **Vision**

The Department of Zoology is committed to be known internationally well recognised centre of excellence in the teaching and research in various areas of animal sciences to cater needs of students and society as global village.

## **Mission**

The Department of Zoology is dedicated to excel in teaching and research to serve the society by encouraging social, ethical and moral values among the stakeholders.

## **Strategic goals of the Department**

To achieve its Vision and Mission, the Department will make efforts to improve:

- Academic standard by implementation of online courses in Zoology such as MOOCS (Massive Open Online Courses) and GIAN (Global Initiative for Academic Network), smart classrooms and revision of syllabi.
- Research outcome by publishing good quality of research papers in recognised journals. The faculty members will apply for research grants from different funding agencies
- Course employability by revising syllabi as per the need of industries and institutions
- Inclusiveness and social impact by organizing outreach programmes for societal awareness
- Extension and collaboration by organizing invited lectures, seminars, conferences and workshops. The faculty members will collaborate with co-supervisor and co-investigators of other department and institutions.

## **SWOC Analysis**

### **Strength**

- The diverse specializations of the faculty in terms of research in emerging areas.
- Well furnished infrastructure and equipments to facilitate the teaching and research.
- The department has generated lots of fund through several research projects duly sanctioned to faculty members from the various funding agencies like DST, UGC, DBT and ICAR etc.
- The department has earned status of DST–FIST sponsored department.
- Adequate student-teacher ratio
- Organization of seminar, extension lectures, conferences etc on regular basis

- Students are able to qualify competitive examination in different areas
- Good quality research publications by faculty members
- Central Instrumentation Facility in the Department
- Updating of syllabi on regular basis

### **Weakness**

- The student-teacher ratios of 13:1 (Theory & Practical's) not in consonance to rule/s.
- Lack of industry linkage with department.
- Lack of trained technical and office staff
- Lack of fund for maintenance of instruments

### **Opportunities**

- Department offers courses in both classical and advanced specialisation in the subject which enables the students to have ample carrier opportunities available in prestigious institutes.
- To involve the alumni in providing necessary guidance to the students in career counselling.
- To incorporate industry requirements into the curriculum to strengthen linkages.

### **Challenges**

- To maintain required Student-Teacher ratio.
- To prepare students for careers in academics,
- Establishment of Centre of Excellence
- Application for UGC-SAP and for next stage of DST-FIST
- Implementation of research projects
- Dissertation programme of M. Sc. students with fund
- To enhance community based programmes on prevailing social issues.

### **Action Plan**

#### **2018-19**

- ✓ Two days National Seminar will be organized in month of Feb -March, 2019
- ✓ Extension lectures will be conducted annually by eminent scientists
- ✓ Interdepartmental level quiz will be organized to celebrate World Alzheimer's Day etc in the Department
- ✓ Interdepartmental academic activities will be organized as a regular feature.
- ✓ Skill development through Project work /training and field work etc.
- ✓ Student seminars to develop communicative skills

#### **2019-20**

- ✓ National Seminar will be organized
- ✓ Extension lectures will be conducted by eminent scientists
- ✓ Science Day celebration
- ✓ Interdepartmental academic activities like quiz etc
- ✓ Dramatisation of activities related to uphold Human values & Ethics

- ✓ To seek funding to upgrade research facilities
- ✓ Furtherance of co-curricular departmental/institutional activities
- ✓ Outreach activity in nearby rural areas

#### 2020-21

- ✓ Nature friendly learning of the students through visit to various Wild life/Bird sanctuary/National Park in every session.
- ✓ Various academic activities will be organized to commemorate the Science Day.
- ✓ Interdepartmental academic activity based competitions.
- ✓ National Seminar will be organized.
- ✓ Encouragement of the students to participate in various interdepartmental, institutional/state/national sports activities.

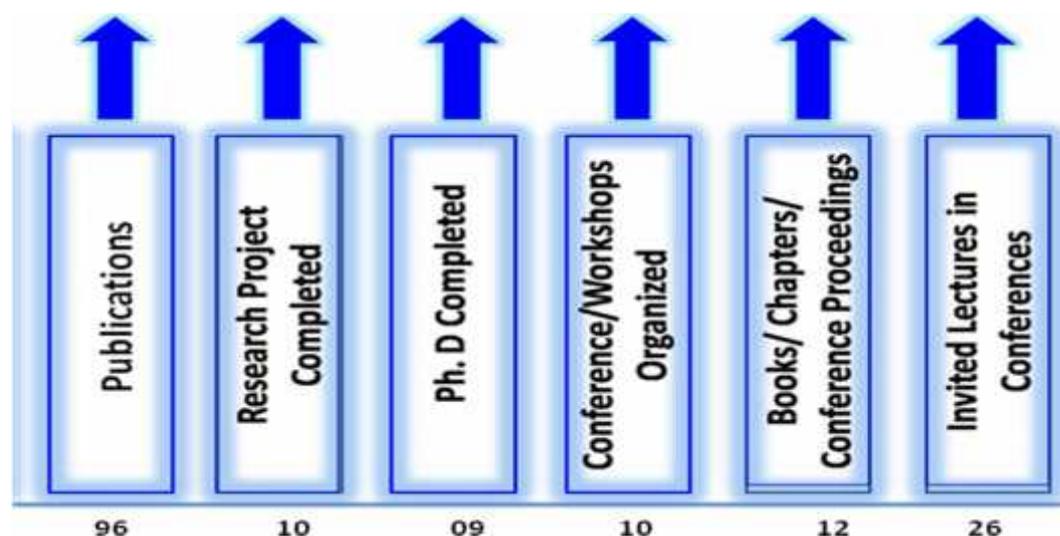
#### 2021-22

- ✓ Extension lectures will be conducted by eminent scientists on the Science Day
- ✓ Interdepartmental quiz will be organized to celebrate Wild life week in the Department
- ✓ Interdepartmental academic activities
- ✓ Celebration of Teacher's Day
- ✓ National Seminar will be organized
- ✓ Visit of students to nearby village to explore natural resources

#### 2022-23

- ✓ Encourage the participation of students in research, publications and professional meetings about plagiarism and ethics etc
- ✓ Scientific temper generation among the students through group activities.
- ✓ Activity of carrier counselling and placement cell for student awareness
- ✓ National Seminar will be organized
- ✓ Academic activity with special emphasis on ornithological aspects

### Achievements of the Department in last five years

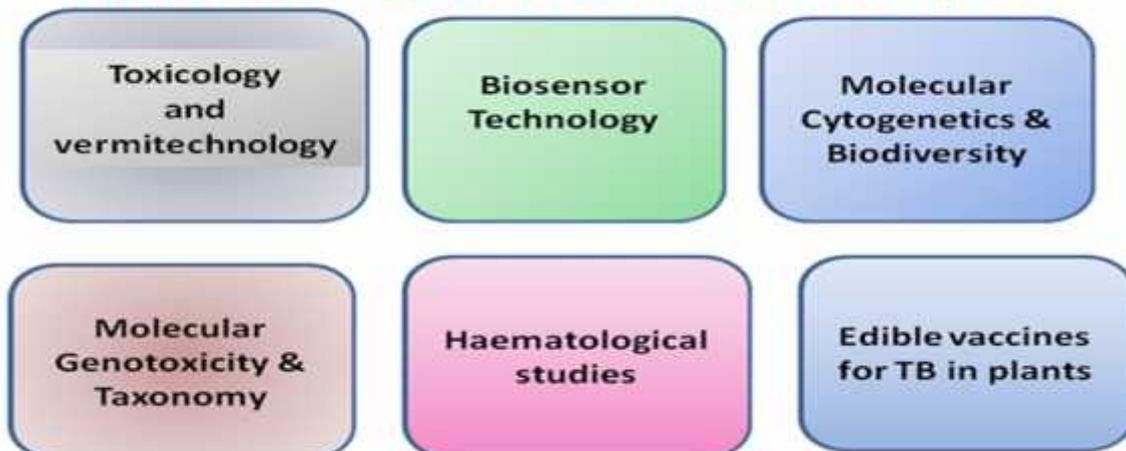




### Thrust Areas



### Projected Research Areas for next five years



### Activity Calendar (2018-19)

<b>S. No.</b>	<b>Activities</b>	<b>Time</b>
1	Induction Programme	August,2018
2	Teacher Day Celebration	September, 2018
3	Wildlife Week Celebration	October, 2018
6	Inter-departmental Science Quiz	October, 2018
4	Education Tours	October, 2018/February, 2019
7	AIRF, JNU visits	November,2018/February, 2019
8	Extension Lecture in Zoology	January, 2019
10	Workshop/Seminar	February/March 2019
11	Lecture by Alumni	March, 2019
12	Outreach Programme	November 2018/March, 2109