



Shri R.L.T. College of Science, Akola

Department of Zoology

ZEBRA: ACTIVITIES REPORT

SESSION: 2017-18

A) INSTITUTIONAL VISIT:

- * CLASS: B. Sc –III
- * PLACE: ENTOMOLOGY MUSEUM, DEPARTMENT OF ENTOMOLOGY, PDKV, AKOLA
- * DATE: 6/10/2017

On 6th October Institutional Visit of B.Sc. students was organised at **Insects Museum at Entomology Department, Dr.Panjabrao Krishi Vidhyapith, Akola**. Dr. S.M. Dadmal , Asso. Prof and Incharge of Insect Museum guided the students about insect taxonomy, classification, morphological and economical aspects of the Insect. He also gave handful practical to handle the insects and use of instruments for insects study. Students visited the museum and collected all related information which was needed in their syllabus. Students also visited the culture centre of Useful insect Trychograma, which is a egg parasite insects helpful for pest control. Students visited pest control centre and collected information related to it. All students and staff after the breakfast at campus returned to the college. Institutional Visit was organised by HOD Dr. S. M. Nagrale with other teaching Dr A. S. Sawarkar, Dr R.P. Joshi madam and non teaching staff. Overall 90 students were participated in the visit.



Dr Dadmal Guided to the students



Students Collected information from centre

B) EDUCATIONAL TOUR:

- * CLASS: B. Sc –III
- * PLACE: **SALBURDI AND FOREST DEPARTMENT WILD LIFE NATURE GARDEN , MORSHI**
- * DATE: **6/2/2018**

Zoology Department was organised Excursion and Education Tour for B.Sc. Final Year students at Salburdi and Forest Department Wild Life Nature Garden and Interpretation Centre, Morshi on 6th Feb 2018. Overall 53 students and 6 Teaching and Non Teaching staff were participated for the Tour. Students visited to the holy place Salburdi by doing nature trial and to understand the Nature and Its importance for the spiritual ways. Students visited Holy place Cave of Shiva and other natural important places.

While return journey, students were visited to Wild Life Nature Garden of Forest Department at Morshi. They visited Wild Medicinal Plants Centre and Wild Life Nature Interpretation Centre to collected information of medicinal plants and role of wild life for nature protection and forest conservation.

With the permission of Principal Dr.V.D.Nanoty and under the guidance of HOD Dr. S.M.Nagrle study tour was organised and all staff takes efforts for success of the tour.



Sarbardi Holy Place

वनौषधी माहलती केंद्र

C) EDUCATIONAL TOUR: Field Visit at Katepurna Wildlife Sanctuary

- * CLASS: B. Sc –II
- * PLACE: **Katepurna Wildlife Sanctuary, Akola**
- * DATE: **9/2/2018**

The “**Biodiversity Walk and Nature Study Tour**” at Katepurna Wildlife Sanctuary on Date **09/02/2018** was organized by Department of Zoology, Shri R. L.T. College of Science, Akola in collaboration with Forest Department, Akola. The field visit was arranged as per the syllabus of Practical of BSc II / Semester IV S.G.B. Amravati University, Amravati.

The “Nature’s Trail” the “Biodiversity Quiz competition” was conducted for the students. The 50 students were divided into two batches of each having 25 students. Each batch was further divided into 5 groups and every group was named after the name of birds. For eg. Peacock group, Pigeon group, Hariyal group and so on. Dr. Rashmi Joshi Sawalkar and Mr. Suraj Ghogre(Forest Guide) worked as the jury members for the quiz to select the winner groups. At the end of the visit the valedictory programme was conducted by Dr. Joshi in which the winner groups of the quiz were felicitated by giving them the certificates. The staff members Dr. Rashmi Joshi Sawalkar, Dr. Sudhir R. Kohchale and Dr. Archana S. Sawarkar organized the visit as well as Quiz competition.

With the permission of Principal Dr.V.D.Nanoty and HOD Dr. S.M.Nagrle under the guidance of Faculty incharge Dr. A S Sawarkar study tour Field Visit was organised and all staff takes efforts for success of the tour.



The complete team on the “Natures trail” at Katepurna Wildlife Sanctuary.



Winners of the “Biodiversity Quiz” competition.

GUEST LECTURES

1. Guest lecture of Prof Dr. P.S. Dhabe , Asst Prof abd Head , Department of Zoology, Shankarlal Khandelwal College Akola was organized students by Zoology Department on the topic “Aquaculture : Social and Economic values” on dated 7/10/2017 for B.Sc.III as per the syllabus. Prof Dr. P.S.Dhabe madam guided the students about Aquaculture, Fish biodiversity, its economic values and social status. She also guided about fish culture, fish selection types of fish ponds, breeding, nursing, rearing and stocking.

Dr. S.M.Nagrале introduced about the Guest and remarked Vote of Thanks. Dr. A.S. Sawarkar and Dr. Rashmi Joshi Sawalkar madam and all B.Sc III students were present for the lecture.

2. International Ozone Day (16/09/2017) was observed by department and organizing Guidance lectures series.

a) Dr. Hemant P. Sapkal, Shri Shivaji College, Akola guided on topic “Caring for all life under the Sun”. In his lecture he guided about importance of sun and Ozone layer protecting the life on Earth. He also guided of Ozone layer and its depletion due to air pollution and its harmful effect on Earth life.

b) Mr. Mangesh R. Ubale, Librarian, Shri R.L.T. College of Science, Akola gave lecture on “Importance of Digital Library”. On the same occasion, ‘Digital Gallery of Museum Specimen’ which was prepared by Dr. Archana Sawarkar and Dr. Sudhir Kohchale was inaugurated and handed over to the library. In his speech Mr Ubale guided about e library: its paperless work and readily viability due to today’s progressive work on technology.

Both series of lectures organised by departments under the guidance of Principal, HoD and coordinated by Dr. A.S.Sawarkar



Dr Dhabe Madam Guided to the students



Dr Sapkal sir guided tp the students



Librarian Mangesh Ubale Guided to the Students

DEPARTMENTAL ACTIVITIES:

A) Self Governance Day: Student's Seminar (5th September 2017)

On the occasion 'Teachers Day' on 5th Sept Self Governance Day observed by Department of Zoology. Student's seminar competition organized in the department for B.Sc. Students apart from the regular program of the college. Total Fifteen students participated and delivered seminar on the topics of Zoology included in syllabus. All students and staff of department actively participated in the program. Those who actively delivered their seminar they were selected and felicitated by awards of 1st and 2nd prize, Those who participated in seminar were awarded by certificates.

All staff and students actively participated in the **Self Governance Day** program organized by the college and **Students Seminar Competition** conducted by the Department.



Students Delivered Seminar in the Zoology Lab. on Self Governance Day, Teachers Day (5th September)

B) Digital Gallery of Museum Specimens: (16 September 2017)

Under the guidance of Dr Archana Sawarkar and Dr Kohchale **Digital Gallery of Museum Specimens** was prepared by the Department. The soft copy format of the museum specimens was used as an innovative learning resource for B.Sc. Students. The soft copy in the form of Disc handed over to the Librarian Mr. Mangesh Ubale for deposited it to the College Library for further references to the students.

C) World Ozone Day Celebration: (16 September 2017)

Rangoli Competition cum exhibition organised by the department under the guidance of Dr Sawarkar Madam, on the occasion World Ozone Day. The competition was inaugurated by Dr Poonam Agrawal Madam, HOD Chemistry Department under the Presidential presence of Dr S.W. Bhaware, HOD Mathematics Department. Degree college students actively participated in the activity. The theme of Rangoli competition was Ozone Depletion, its effects and prevention. For the competition Prof Sujata Tadam Madam and Dr. Anjali Sangole Madam worked as a Jury member. Winner students were felicitated by awards and certificates.

		
Digital Gallery Inauguration Programme	Rangoli Competition on Occasion of World Ozone Day	Certificate Distribution to the Students

D) Wild Life Conservation Week Program: (1-7 October 2017)

Every year Department of Zoology under ZEBRA cell observe **Wild Life Conservation Week** on **1-7 October Week**. During the week many motivating and students informative programs were conducted by the department. To provide information related nature conservation, wild life conservation and their role in environment, guest lectures and documentary movies presented for the students.

On 1st October inauguration of wild life conservation week was conducted. On this occasion Asst Prof. and Head Dr.S.M.Nagrale guided the students about the wild life conservation in his speech. Documentary movie show on **“Save the Tiger”** was arranged for the students B.Sc.I students in the College Auditorium. All students enjoyed the Documentary. After the show Dr. S.M.Nagrale interacted to the students and guided them about the wild life and their need of conservation for our better future. For the success of Program all the faculties of the department had take their hard efforts.



Documentary show “Save the Tiger” for the students

E) EUREKA: Students Guidance program (25 November 2017)

One day workshop “EUREKA” was organized by Shri R.L.T. College of Science, Akola for school students & teachers in association with State Institute of Science, Nagpur and Education Department Z.P. Akola. In the last session of workshop all the participants visited the department where information about the animal’s specimens and models, human skeleton etc was given. There was interaction between students, teachers and staff of Zoology Department. ‘Apptitude test’ was conducted on the given information to them from every department. Dr Rashmi Joshi Sawalkar conducted the Students guidance activity in the Department and guided the students



Students with Dr Rashi Joshi Sawalkar Madam, in Zoology Department Lab

F) ZOOLOGY APTITUDE TEST: (24 January 2018)

To improve the objective aptitude knowledge of Zoology subject, Department under the guidance and supervision of HOD, Dr. S.M.Nagrle conducted Zoology Aptitude Test for B.Sc.III students. Overall 60 students are present for the test. All staff were provides their support for the success of the events. Three students on the basis of higher scoring selected and ranked as 1st, 2nd and 3rd respectively and awarded by certificates.



Zoology Aptitude Test arranged for the B.Sc.III students

G) BIODIVERSITY CALENDAR: (26 January 2018)

To know the value of Biodiversity and Inculcate environment consciousness , Biodiversity Calender -2018 was prepared and published B.Sc.II Students under the supervision of Dr Archana Sawarkar and Dr. Anjali Sangole. Several activities conducted under the heading of Biodiversity through Biodiversity Calendar.



Biodiversity Calendar Inaugurated by Dr Heda Sir and Principal Dr. Nanoty Sir

H) WORLD WILD LIFE DAY: (3rd March 2018)

Department of Zoology celebrate **WORLD WILD LIFE DAY** on 3rd March at Zoology department lab. Students conducted program under the chairmanship of Dr. S.M.Nagrle and in the presence of Dr. Archana Sawarkar and Dr. Rashmi Joshi Sawalkar. Many students kept their view regarding to the Wild life , their conservation and Importance. Dr. Sawarkar highlighted her views on Wild life and their Biodiversity and Dr. S.M. Nagrle in his Presidential speech explain about role of Nature for wildlife and duties of Human for conservation and maintenance of Biodiversity at natural level. Program was conducted by B.Sc.III student Miss Sapana Shirsat and supported by other students and staffs of the department.



Celebrated World Wild Life Day at Department

I) WORD SPARROW DAY (20 March 2018)

Department of Zoology celebrate **WORLD SPARROW DAY** on 20th March at Zoology department. Students conducted program under the guidance of Dr. S. M. Nagrle. For drinking water to Sparrow, water pots were installed at Botanical Garden in college campus. Students and other staff were presents for the events. Water pots were filled with water by the students and staff. Other faculties of the college were also shows their presence for the events. Dr. Archana Sawarkar, Dr. Rashmi Joshi Sawalkar, Dr. Poonam Agrawal , Dr Kavita Heda, Dr. Anjali Sangole, Dr Sudhir Kohchale, Prof Shailendra Madavi and Prof Vaishali Badgujar Madam were present for the program of Sparrow Day.



Installing Bird feeder water bowl for the birds in the Botanical Garden, students and staffs

EXTENSION ACTIVITIES:

1. DR. A.S.SAWARKAR:

Social and Extension Activities:

- 1) Worked as an Examiner for –
 - Tahasil Level Student Science Meet at G.D. Platinum Jyubeeli English School, Akola (31/07/2017).
 - Akola District Level Student Science Meet at Prabhat Kids School, Akola (28/08/2017).
 - Amravati Divisional Level Student Science Meet at Bal Shivaji Madhyamik Shala, Akola (14/09/2017).
 - 43rd Akola District Level Science Exhibition at Bhikamchand Khandelwal Vidyalaya, Akola (11/12/2017).
 - 7th District Level Inspire Award Science Exhibition at B. R. High School, Akola (15/02/2018 to 17/02/2018).
- 2) Worked as an Inaugurator of “Students Unit of Zoological Society” and Examiner for poster competition at S. K. College, Akola (15/09/2017).
- 3) Organized one day Workshop EUREKA for School Students and Teachers of Akola District and delivered talk on “Wonderful World of Spiders” (25/11/2017).
- 4) Worked as a Judge for ‘Eureka’-The Science Symposium and delivered talk at School of Scholars, Akola (27/01/2018).
- 5) Worked as a Resource Person in Model Up-gradation workshop for 43rd State level Science Exhibition, organized by State Institute of Science, Nagpur, Dept. of Education, Akola at New English High school and Jr. College, Akola. (17/03/2018).

2. DR. S.R.Kohchale:

Social and Extension Activities:

1. Worked as a NSS program officer and actively participate in NSS activity
2. Worked as a Coordinator of Blood donation Camp and Blood Checkups
3. Worked as a Coordinator of Disaster Management Club and Principal Brigade
4. Worked as a volunteer in a Morna River Cleaning Campaign

3. DR. R.P.Joshi (Sawlakar):

Social and Extension Activities:

1. Worked as a NSS program officer and actively participate in NSS activity
2. Worked as a Member of Blood donation Camp, Blood Checkups and other social activities conducted by college.
3. Worked as a volunteer in a Morna River Cleaning Campaign