

Shri R.L.T. College of Science, Akola
Department of Zoology
ACTIVITIES REPORT

SESSION: 2018-19

DEPARTMENTAL ACTIVITIES:

A) WALL MAGAZINE- BESST (11 Aug 2018)

Wall Magazine **BESST** (Biological and Environmental Studies with Social Temperament) is started to provide a launch pad for the student's creative urges to blossom naturally. This humble initiative is to set the budding minds free allowing them to roam free in the realm of experience to create a living world in words. Our student authors have put across some amazing pieces of writing in this Wall Magazine. The first issue of Wall Magazine **BESST** was release on 11th August 2018 with the hands of Principal Dr. V. D. Nanoty in presence of IQAC Coordinator Dr. R.L. Rahatgaonkar and Dr. S.M. Nagrale, Head Department of Zoology. Dr. Archana S. Sawarkar worked as Chief Editor and Dr. Sudhir R. Kohchale, Dr. Rashmi Joshi (Sawalkar), Mr. Shailendra V. Madavi worked as Area Editors for Animal Science, Environmental science and Plant Science respectively.



**B) MOBILE PHOTOGRAPHY: EXHIBITION CUM COMPETITION (25 Aug 2018)
(Nature and Social Photography)**

ZEBRA cell of Zoology Department organized **Mobile Photography Competition & Exhibition on Nature and Social Photography** on 25th August 2018 at Zoology Lab. Total 74 students were Exhibited their Mobile photographs collection related to the theme. Three photographs were selected awarded by 1st, 2nd and 3rd prizes.

Mobile Photography Seminar was also organized for the students and participants. Photographer Mr. Sagar Ghadekar and Mr. Kushal Senad delivered explanatory and informative seminar for the students. All faculties were attended the program and all students were take efforts for the success of programm



C) SELF GOVERNANCE DAY: STUDENT'S SEMINAR (5th September 2018)

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. B.ScII and III 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 , 2nd and 3rd 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.



D) GUEST LECTURE ON MIGRATION OF FISHES: (8th September 2018)

A Guest Lecture Dr. Shyamla R. Katke, Head, Department of Zoology, Brijlal Biyani Science College, Amravati was organized on topic "Migration in Fishes" on dated 8th September 2018.

E) WORLD OZONE DAY CELEBRATION: (16th September 2018)

On the occasion World Ozone Day sampling of Holy Basil Plant collected by the students from their house and premises and plantation done in the campus of college. To create awareness about Ozone Depletion and to motivated students for creating Oxygen Park in campus such awareness activity carried out for the students. Total 10 saplings planted in the campus.

F) WILD LIFE CONSERVATION WEEK PROGRAM: (1-7 October 2018)

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.

Documentary movie show on “Save the Tiger” (1st Oct 2018)

On 1st October inauguration of wild life conservation week was conducted. On this occasion Asst Prof. and Head Dr.S.M.Nagrle guided the students about the wild life conservation. Documentary movie show on **“Save the Tiger”** was arranged for the students B.Sc. students in the College Digital Room. All students enjoyed the Documentary. After the show Dr. S.M.Nagrle , Dr. A.S.Sawarkar and Dr. Rashmi Joshi 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.

Visit to Nature Interpretation Centre of Akola (3rd Oct 2018)

Under the **Wild Life Conservation Week Program visit to Nature Interpretation Centre of Akola** was organized for the B.Sc. students. Under the guidance of Mr Uday Waze , Founder of Shrushti Vaibhav, NGO, Akola and Faculties of Zoology Department a awareness rally was organized from College campus to the Nature Interpretation Center. Under the lead role of Dr. Kohchale , Dr Sawarkar and Dr Joshi students are marched towards the center and under the guidance of Dr. Nagrle students were interact with Mr Uday Waze and visted the Center. All students actively participated in the events.



G) BIODIVERSITY CALENDAR: (26th January 2019)

To know value of biodiversity and inculcate environmental consciousness among students Biodiversity Calendar -2019 was published on 24th December 2018 with the hands of eminent personalities Hon. Mr. Randhir Savarkar (Member of MLA) and Mr. Viplove Bajoria (Member of MLC). It is an Innovative attempt made by B. Sc. II (Biology) students under supervision of Dr. Archana S. Sawarkar (Dept. of Zoology) and Dr. Anjali A. Sangole (Dept. of Botany). Along with flora and fauna, Academic holidays as well as special days concerning environmental issues and importance of biodiversity are mentioned in it. Biodiversity Calendar -2019 is a master piece of efforts taken by students to complete their participatory learning project

SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA



BIODIVERSITY CALENDER-2018



PHYLUM - PHEOPHYTA (BROWN ALGAE)

Pheophyta or brown algae rare group of autotrophic, multicellular organism. They contain the xanthophyll pigment-fucoanthin, in addition to chlorophyll a and c. They are composed of eukaryotic or prokaryotic cell. They are mainly marine, Only four and five species are fresh water living. They are multicellular filamentous and complex in nature.

They are brown in colour because brown pigment are more in the cells than other pigments. Polysaccharides and alcohol are stored as reserve food Alteration of generation is found in most of the species. Their gametes or zoospore hve flagella of different sizes



Sargassum



Fucus



Dictyota



Marcocytosis

JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Contributors: B.Sc. II (Biology) Students
Supervisors: Dr. Archana S. Sawarkar; Dr. Anjali A. Sangole

H) AKOLA CITY BIRD ELECTION (19th Jan 2019)

Akola city bird election conducted on 19 January 2019 at College Auditorium organized by Akola District Election Officer and Nisarga Katta under the collaboration of Zoology Department of Shri R.L.T. College of Science, Akola. Overall 776 students and staff vote for the selected Bird candidate. Total Five Bird candidate was there for the contest and after counting **Common Egret** was elected as Akola BIRD for next five years.

I) EDUCATIONAL TOUR AT KOLHAPUR AND MALVAN (21th January 2019)

Zoology Department was organised Excursion and Education Tour for B.Sc. Final Year students at Kolhapur and Malvan during 21th Jan 2019 to 23rd Jan 2019. Overall 44 students and 6 Teaching and Non Teaching staff were participated for the Tour. Students visited to the Zoo Museum and different places of Kolhapur. Students also visited to Marine Sanctuary, beaches and other educational centre of the Malvan and returned on 23 Jan 2019 to Akola.



J) ZOOLOGY APTITUDE TEST: (26th February 2019)

To improve the objective and 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. 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.

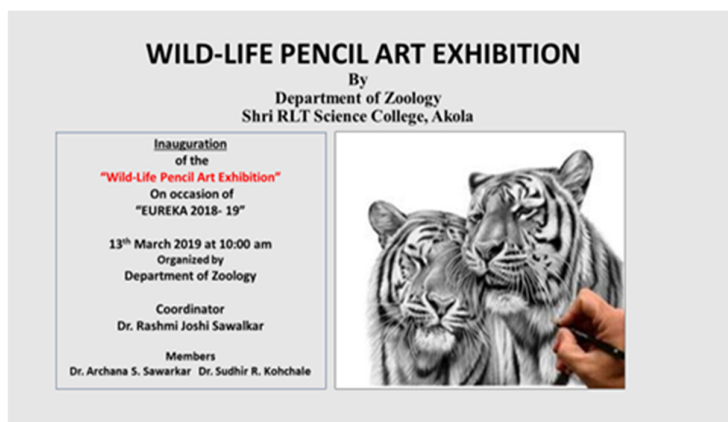
K) VISIT to ANUBHUTI 2019: Human organ exhibition (1st March 2019)

Zoology Department was arranged Educational visit for B.Sc. students at Government Medical College Akola for exhibition of ANUBHUTI 2019: Human Organ exhibition on 1st March 2019. B.Sc I and II students along with Dr Joshi madam and Dr. Sawarkar madam visited to the exhibition.



L) WILD LIFE PENCIL ART EXHIBITION (12th March 2019)

Department of zoology organized the wild life pencil art exhibition on 12th of March 2019. The coordinator of the exhibition was Dr. Rashmi Joshi Sawalkar while members of organizing committee were Dr. Archana Sawarkar and Dr. Sudhir kohchale. The inauguration of the exhibition was done by the hands of respected Dr. R.B. Heda, President of the B.G.E. Society, Akola in the gracious presence of executive members of B.G.E. society and respected Dr Katore, Head P. G. Dept. of Mathmatics, SGBAU, Amravati. The sketches of wild life were drawn by the BSc students. It was an effort made by organizing committee to create awareness about biodiversity conservation and developing skill other than studies among the students.



M) Released of Student Project “Birds of Akola” (12th March 2019)

The project entitled “Birds of Akola” is a piece of work carried out by B.Sc. II (Sem. IV) students under supervision of Dr. Archana S. Sawarkar. It is an innovative participatory learning project which included 329 species of birds from 69 families found in Akola region. Information about habit and habitat, general characters, feeding behavior and ecological importance of each bird is given. Proceeding of the project was release with the hands of Dr. R. B. Heda, President, The B.G.E. Society, Akola on 12th March 2019.

N) WORD SPARROW DAY (20th March 2019)

Department of Zoology celebrate **WORLD SPARROW DAY** on 20th March at Zoology department. Students conducted program under the guidance of Dr. S. M. Nagrale. For drinking water to Sparrow, water pots were installed at Botanical Garden in college campus. Students and staff were presents for the events. Water pots were filled with water by the students and staff. Dr. Archana Sawarkar, Dr. Rashmi Joshi Sawalkar madam, Lab Attendance Shri S.P.Patil and other non teaching staff also present for the program.