

*Star college activity*

2018

*One Day Workshop On Applied Zoology*



**Department of Zoology &**

**Fisheries**

**Y.C.I.S, Satara**

**1/9/2018**

**A Report on**  
**“One Day Workshop On Applied Zoology”**

**Under Star college activity**

**9<sup>th</sup> January, 2018**

An one day workshop Applied zoology was organized by Department of Zoology and fisheries, Yashavantrao Chavan Institute of Science, Satara under Star College Activity on **9<sup>th</sup> January 2018**. This workshop was benefitted to **78** students from Y.C. college of science, Karad, L. B. S. College, Satara, Shivaji university, Kolhapur, Rajendra Mahavidyalaya, Khandala, Y. C. I. S., Satara and most importantly there was participation of **11** farmers in this workshop and all the faculty members of zoology department.

The resource persons for this workshop were, **Dr. A. D. Jadhav**, Department of Zoology, Shivaji University Kolhapur, **Dr. M. P. Bhilave**, Department of Zoology, Shivaji University , **Dr. M. V. Shantakumar** ,Department of Zoology, Shivaji University , Mr.D.D Thorat from Balasaheb Desai college ,Patan delivered lecture on Sericulture, Water Analysis and Apiculture ,Vermicomposting respectively in four Session.



The Workshop started by giving introductory Speech by **Dr. V. Y. Deshpande** Head, Department of Zoology, Yashavantrao Chavan Institute of Science, Satara. Honorable vice Principal **Dr. H. V. Deshmukh** inaugurated the workshop and addressed the students regarding upcoming opportunities in applied zoology. After the inauguration the sessions were started on Vermicomposting, Sericulture ,Apiculture ,Water analysis.





Mr.D.D Thorat had given very informative speech on Vermitechnology. In that he had explained different suitable species of earthworm, Vermicomposting preparation methods, harvesting properties, preparation of vermiwash, benefits of vermicompost such as: It improves soil aeration, improves water holding capacity,enhances germination, plant growth, and crop yield, improves root growth and structure, enriches soil with microorganisms, adding plant hormones such as auxins and gibberellic acid and economic uses biowastes conversion, elimination of biowastes from the waste stream, reduces contamination of other recyclables, creates low-skill jobs at local level.



Another session was taken by **Dr. A. D. Jadhav** on Sericulture in which he explained the procedures and requirements used in sericulture, steps used in rearing the silkworms, conditions to be applied, feeding of silkworms, also guided on to how to prevent silkworms from diseases.



Third session was taken by **Dr. M.P. Bhilave** on Water analysis in which he discussed the quality control of water by using different experimental methods.



After this fourth session was conducted on Apiculture which was taken by Dr.Santhakumar Manne ,in which he explained first the economical importance on Apiculture ,also he explained how a zoology graduate can do a good business of apiculture by selling a good product of honeybees by applying a their knowledge of types of honeybees should be used for honey casting ,their development ,habits ,dos and donts ,and management regarding this topic .



*(Felicitation of farmers by presenting books at the hands of Dr.A.D Jadhav )*

All the speakers expressed their views in simple, lucid language with the help of Power Point Presentation. Overall entire workshop proved successful to all the students and motivated the farmers to apply new techniques and concept of integrated farming which will surely help in their future endeavor.