

Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara
(Constituent college of Karmaveer Bhaurao Patil University, Satara)

Department of Biotechnology

REPORT ON 14th BIORESONANCE 2024-25

Yashavantrao Chavan Institute of Science, Satara is one of the leading institute and Constituent College of Karmaveer Bhaurao Patil University, Satara, Maharashtra, India. During the last fifty years, institute has not only scaled academic heights but also made its impact felt at state and national level securing A++ grade with CGPA 3.61 in 4th cycle reaccreditation by NAAC, Bengaluru. It has also received the status of College with Potential for Excellence from UGC, STAR status by Department of Biotechnology, New Delhi, FIST by Department of Science and Technology; New Delhi, Best college award for NSS Unit by Shivaji University (Kolhapur) and Government of Maharashtra, Academic Excellence Award by Shivaji University (Kolhapur), Best college Award by Rayat Shikshan Sanstha, Satara and 9001: 2015 certification.

Institute has established Center for Invention, Innovation and Incubation (CIII) in collaboration with Tata Technology, Pune, Science and technology Park, Pune and Rayat Shikshan Sanstha, Satara. In addition to the general B.Sc. courses the institute runs several professional courses such as Biotechnology, Food Technology, Nanotechnology, etc., The dedicated faculty of the institute always strives for the overall development of the students.

Bioresonance is a state level intercollegiate activity organized by the Dept. of Biotechnology students for encouraging the research aptitude. In the activity a guest lecture by an eminent personality is organized for the students followed by declaration of winners of competitions and valedictory function. A souvenir containing the abstracts of the participating students is published on this occasion.

Every year students from the graduation do small research projects. However most of the students do not get the platform to present their basic research work at graduate level. In this activity all students are motivated by a guest lecturer in the session I. In this activity a B.Sc. Part I students are participated in biotoon activity and poster presentation. This helps him to build a research idea for work in successive years. B.Sc. Part II students come up with some basic idea and present the poster or model in the competition. B.Sc. Part III students who have already come up from this procedure are encouraged for the oral presentation of their work.

So the unique feature of this activity is to encourage the graduate and post graduate students to represent of their research work. This helps the students to develop communication and presentation skills and also encourages the students to do research. This event is being organized with the following objectives:

- To provide a platform for students to present their research work.
- To review the status of knowledge and practice s being adopted at regional levels.
- To identify long term challenges, future themes in the various fields.
- Knowledge transfer and creating the awareness about technological options to overcome challenges.
- To harness and promote interaction between all students from the different colleges in area of Shivaji University.

The activity of Bioresonance was started in 2011 with participant number as 156. After that every year the number of participants went on increasing. This increasing participation of the students itself tell us about the success of the event.

Under the guidance of Hon. Principal Dr. B. T. Jadhav and Hon. vice Principal Dr. J. J. Chavan, Coordinator, Dept. of Biotechnology this year department had organized one day state level intercollegiate paper, poster biotoon and model presentation competition on 4th February 2025. Total 237 students have been participated in this activity from which 37 students from different college under Shivaji University, Kolhapur. In the competition 33 posters, 12 oral

presentations, 28 biotoons and 07 models were presented. For all competition first three rankers and two consolidate prizes were given to each activity by the chief guest.

Dr.G.R.Pathade, Dean of department of allied sciences, Krishna vishwavidyapeeth was the resource person and the guest lecturer to this event. He had given lecture on the Topic:Recent trends and avenue of Biotechnology. Dr.A.S.Bhoite,General body member Rayat Shikshan Sanstha, Satara Former pro vice chancellor Shivaji University,Kolhapur and Hon.D.A.Kadam General body member Rayat Shikshan Sanstha Satara, Former coordinator, Department of Biotechnology,YCIS,Satara was chief guests they also guided the students. Prof. Dr.D.D.Namdas Vice principal YCIS Satara, Dr. S. H. Mujawar Research Dean YCIS, Satara and Dr.P. V. Chavan PG Dean YCIS, Satara are chief guest for subsequent Valedictory function. Prizes for the various competitions, like, paper, poster, biotoon and model presentation were also distributed to the students by the auspicious hands of chief guest. All faculties of Dept. of Biotechnology and students from various colleges and students from department of biotechnology had actively participated to this function of 14th Bioresonance. These are some photographs of event.





