

**Rayat Shikshan Sanstha's  
Yashavantrao Chavan Institute of Science, Satara  
Department of Physics & Astrophysics**

**One Day Workshop under CPE-II Scheme of UGC, (2018– 2019)**

A one day workshop on, *“Joy of Learning Physics through Experimental Demonstrations”* was organized by Department of Physics and Astrophysics on 26<sup>th</sup> December 2018. Prof Bhagwan Chakradeo, President, Marathi Vidnyana Parishad Ambarnath Branch and his team including Mr. Mukund Mehendle, Mr. Vijay Patil., Mr. Vishwanath Palsuledesai were the resource persons for the workshop. During the two sessions (each of 2hrs and 30 min) Prof Chakradeo and his team demonstrated around 30-35 experiments based on fundamental Physics, including Mechanics, Heat, Electricity and Magnetism, Optics, Fluid Dynamics and sound etc. As it clear from the name demonstrations, the moto behind organizing this kind of workshop was to explore various scientific phenomenons, procedures and processes to the students. Apart from lecture method, this method creates environment for active participation of students by sharing their views and ideas. After observing demonstrations students ask various kinds of questions concerning the experiments performed by teacher and can think independently about the concepts involved in the demonstrations and can introduce new ideas for further developments in the demonstration method, kits etc. All faculty members of Physics Department along with 126 students from B.Sc. Physics, Nanoscience and Technology, Biotechnology and M.Sc. Physics attended the workshop. At the beginning of workshop the inaugural function was held in the presence of Hon. Vice Principal Dr. H. V. Deshmukh, Prof A. D. Chavan: Head Department of Physics. The guests were introduced by Dr. Sarfraj Mujawar and Vote of thanks was proposed by Dr. A. P Torane. The activity was organized under Scheme of College with Potential for Excellence (CPE-II), sponsored by UGC New Delhi.

Head  
Department of Physics,  
YCIS, Satara



**Prof. Bhagwan Chakradeo, President, Marathi Vidnyana Parishad Ambarnath Branch, demonstrated around 30-35 experiments based on fundamental Physics, to the participants.**