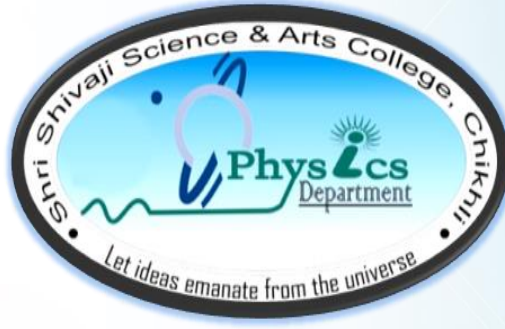




Shri Shivaji Education Society Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE**  
**CHIKHLI, DIST. BULDANA**



**ANNUAL REPORT: 2014-15**

Department of Physics organized several co-curricular activities to enhance & to explore the recent knowledge in various aspects of physics during the session 2014-15.

- **Celebration of Birth Anniversary of Dr. Vikram Sarabhai:**

The department of Physics celebrated 95<sup>th</sup> birth anniversary of great physicists Dr. Vikram Sarabhai on 12<sup>th</sup> August 2014. Prof. S. H. Hage, was the chair person & Prof. S. P. Hargunani, was chief guest of the programme. The programme was successfully organized by Physics Association under the guidance of Dr. N. B. Bhusari, Principal, Shri Shivaji Science & Arts College Chikhli.

Prof. S. P. Hargunani, in his speech addressed to the students about the contribution of Dr. Vikram Sarabhai in Indian Space Science Programme. Prof N. B. Thakare & Prof. S. A. Salve were present as chief guests. Prof. N. B. Thakare gave introductory speech. Mr. Mayur Bawaskar & Mr. Amit Agrawal students B.Sc.-II host the programme.

- **Guest Lecture:**

A guest lecture was organized successfully by Physics Association on the occasion of Birth anniversary Dr. Vikram Sarabhai. Prof. S.P. Hargunani of G. S. College, Khamgaon delivered a guest lecture on “Use of Simulation in Teaching of Physics”. He explained Faradays Law, Working principle of Transformer, Phenomenon of Interference etc. using different simulations.

- **Mini project for B.Sc.-III students:**

Physics syllabus contains theory & practical's based on solid state electronic devices. To get practical knowledge about functioning of the components and role in electronic devices, this purpose B.Sc.-III students of our department are encouraged to fabricate IC regulated power supply. Teachers in the department guide the students for this practice. The project work has been given in the group of two or more students. The department provides components such as diodes, transistor, capacitors, inductors, transformers, IC's etc. as per requirement. The soldering of the components in the circuit is done under the supervision of non-teaching staff. The market cost of IC regulated power supply is in the range of Rs. 800-900. This practice reduces the departmental expenses.

- **Use of ICT for Effective Teaching:**

The teaching faculty of the department use LCD projector to demonstrate certain practicals & to deliver some lectures for B.Sc. classes. The use of LCD projector makes the teaching effective.

- **Participation of students in Seminars/Workshop:**

- Mr. Amol B. More Student of B.Sc.-III participated in State Level Students Seminar Competition Organized by J. B. College of Science, Wardha on 27<sup>th</sup> Feb. 2015.
- Mr. Prateek S. Hatekar & Mr. Amol B. More students of B.Sc.-III are selected for ROBOTICS competition organized by IIT Pawai.