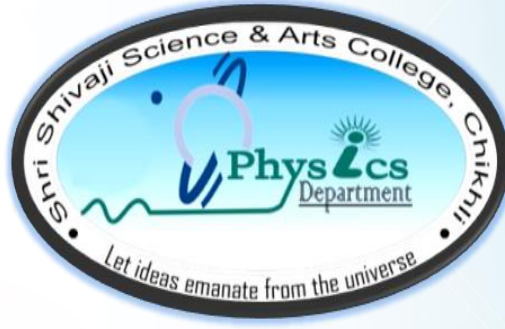




Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE
CHIKHLI, DIST. BULDANA



ANNUAL REPORT: 2016-17

Department of Physics organized several co-curricular activities to enhance & to explore the recent knowledge in various aspects of physics during the session 2016-17.

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

The department of Physics celebrated 96th birth anniversary of great physicists Dr. Vikram Sarabhai on 12th August 2016. Prof. N. B. Thakare Suradkar madam, was the chair person & Prof. S. A. Salve, 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. J. G. Chauhan gave introductory speech. Mr. Om Gunjkar of B.Sc.-II hosts the programme.

- **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, for this purpose B.Sc.-III students of our department are encouraged to fabricate experimental kits. 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. 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.

- **Avishkar Competition:**

Students from our department actively participated in district level Avishkar Competition held at Shri Shivaji Science & Arts College, Chikhli. Mr.Om Gunjkar & Mr. Kartik Bhakde students of B.Sc.-II present project on "Light Sensor" using transistor. Mr. Kalim Shah Salim Shah & Mr.Ravindra Jadhao demonstrate the working of "Dark Sensor" using LDR.

- **Research Activity:** Prof. N.B. Thakare has attended & published two research papers in two national conferences during session 2016-17.