

REPORT

DEPARTMENT OF PHYSICS, GOVT. COLLEGE SANQUELIM

Short Term Certificate Course in " Maintenance and Repairs of Instruments, PCB Designing, Fabrication and Assembly".

The Department of Physics, Government College of Arts, Science and Commerce, Sanquelim, in association with Directorate of Higher Education (DHE), Govt. of Goa organised a Short Term Certificate Course on " Maintenance and Repairs of Instruments, PCB Designing, Fabrication and Assembly".

The Inaugural function of the STCC was held on 11th February 2023. Prof. Sonia Sirsat, Vice-Principal, Academics of the College was the Chief Guest. In her address to the gathering, she encouraged and motivated the students to actively participate in the STCC. The function was compered by Ms. Daneca da Cruz, Asst. Prof. in Physics and the Vote of Thanks was proposed by Ms. Pranali Bhagat, Asst. Prof. in Physics.

In the 40 hours STCC, the students gained knowledge and acquired skill in Repairs and Maintenance of basic laboratory instruments, preparation of extension boards, house wiring, repairing of speakers, microphones, irons, mixers and fans, PCB designing using Express PCB Software, preparation of various circuits and 12-0-12 power supply. They also made magnetic toys, DC motors and thermocol cutters and were briefed on the precautionary measures to be taken while handling AC power supplies. Besides they were trained in lighting arrangements and sound system settings for events.

The resource persons for the STCC were Mr. Mahendra Pednekar (H.O.D Physics GCS), Mr. D.A. Aga (Associate Prof. GCS) Mr. John Dias (Electrician from Bicholim) Mr. Joaquim Fernandes(Grade-I teacher from Guardian Angel Higher Secondary School Curchorem) Mr. Sanjoe Fernandes (Student of Don Bosco College of Engineering, Fatorda), Mr. Karesh Phondekar (Asst. Prof. Ganpat Parsekar College of Education) Mr. Sarvesh Goral (Technician).

The Valedictory function was held on 6th March 2023. Prof. Seema Rath, Vice-Principal, Post Graduation, of the college was the Chief Guest. She praised the faculty for organising this STCC which would be beneficial to the students to handle basic repairs and maintenance of their electrical appliances which is the need of the hour. The exhibits prepared by the students were displayed. Certificates were awarded to the participants. Ms. Pranali Bhagat compered the Valedictory function and Ms. Daneca da Cruz proposed the Vote of Thanks.