



G.K. Gujar Memorial Charitable Trust's
DR.ASHOK GUJAR TECHNICAL INSTITUTE'S
DR. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD
Vidyanagar Extn., Dist. Satara

Department of Electronics and Telecommunication Engineering

Date: 10/03/2021

Event: One week online STTP on “Design and Development of sellable automatic dispenser:sanitizer,water and liquid” (07th-12th June 2021)

Resource Person: Dr.Anand.Kakde, has secured Ph.D. (RF and Microwave Engineering),M.Tech. (RF and Microwave Engineering),from Indian Institute of Technology, Kharagpur. West Bengal.He stood GATE - 2003- 99.59 Percentile AIR 129.

Department of Electronics & Telecommunication of AGTI's Dr. Daulatrao Aher College of Engineering, Karad, Dist. Satara has organized One week **virtual Short Term Training Program on Design and Development of sellable automatic dispenser:sanitizer,water and liquid** from 07th-12th June 2021 under Lead College Scheme of Shivaji University, Kolhapur.

With great efforts of Head of E&TC department **Mr. P.J.Chorage** and coordinator Ms. P.I.Kinikar committee members, STTP was successfully conducted. Faculty members and students registered from different branches for STTP.

Day 1 Introduction.

Day 2 Techniques.

Day 3 Designing.

Day 4 coding.

Day 5 Assembly and performance.

This one week online STTP fulfills its prime objectives.

- Design and development of sellable automatic dispenser which is Highly reliable obstacle sensing, no false triggering due to emi and other sources. Sensing range adjustable from 5 cm to 6 feet adjustment of dispensing quantity. Sensor is useful for robot obstacle application with larger range. Sensor is useful in automatic liquid dispensers, taps,auto hand dryers, flesh etc.
- Learn to design highly reliable obstacle sensing circuit using IR for liquid dispensers and robotics
- To enable participants to go through the hands on of programming by using software & hardware platform.