DEPARTMENT OF PHYSICS

Report

1. Event Title  LECTURE SERIES  2020 (INTERACTIVE)
   A) SAR
   B) DAC
   C) TIMER
2. Category    LECTURE SERIES FOR STUDENTS OF DIFFERENT COLLEGES
3. Department   PHYSICS
4. Date: From 3-04-20 To 11-04-20 (6 days)
5. No. of Participants:   20 PARTICIPANTS PER SESSION
6. No. of Resource Persons   ONE

OBJECTIVE:

Students could able to understand the basic concepts in electronics which will help them to master in the practical. Also it motivates them to do small electronic projects for their own.

Report Description:

A detailed study of Timer 555 and its applications, Miller's theorem and its applications to Digital to Analog converters, Binary Weighted method applied through Operational amplifiers and practical applications of the same. Detailed study of Successive approximation register and Analog to Digital convertor using the same. The entire topics are more related to examinations both theory and practical.
DEPARTMENT OF PHYSICS
GURU NANAK COLLEGE (AUTONOMOUS)
INVITES YOU ALL
LECTURE SERIES 2020
555 TIMER

Resource person:
Dr. K. Namasivayam
Associate Professor and Head
Department of Physics
Guru Nanak College, Chennai

TIMING: 5PM ON 5th APRIL 2020
ZOOM ID: 769 484 9876
PASSWORD: 184416
LECTURE SERIES 2020

SAR

Successive Approximation ADC Explained

Resource person:
Dr. K. Namasivayam
Associate Professor and Head
Department of Physics
Guru Nanak College, Chennai

TIMING: 5PM ON 7TH APRIL 2020
ZOOM ID: 769 484 9876
PASSWORD: 184416
LECTURE SERIES 2020

DAC

Resource person:
Dr. K. Namasivayam
Associate Professor and Head
Department of Physics
Guru Nanak College, Chennai

TIMING : 5PM ON 9th APRIL 2020
ZOOM ID : 769 484 9876
PASSWORD : 184416