



**GURU NANAK COLLEGE (AUTONOMOUS)**  
**Re-Accredited at 'A' Grade By NAAC**  
**Affiliated to the University of Madras**  
**Guru Nanak Salai, Velachery, Chennai -600042**

**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, Millers 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.

## LECTURE SERIES 2020

### 555 TIMER



Resource person:

Dr. K. Namasivayam

Associate Professor and Head

Department of Physics

Guru Nanak College, Chennai

TIMING : 5PM ON 5<sup>th</sup> APRIL 2020

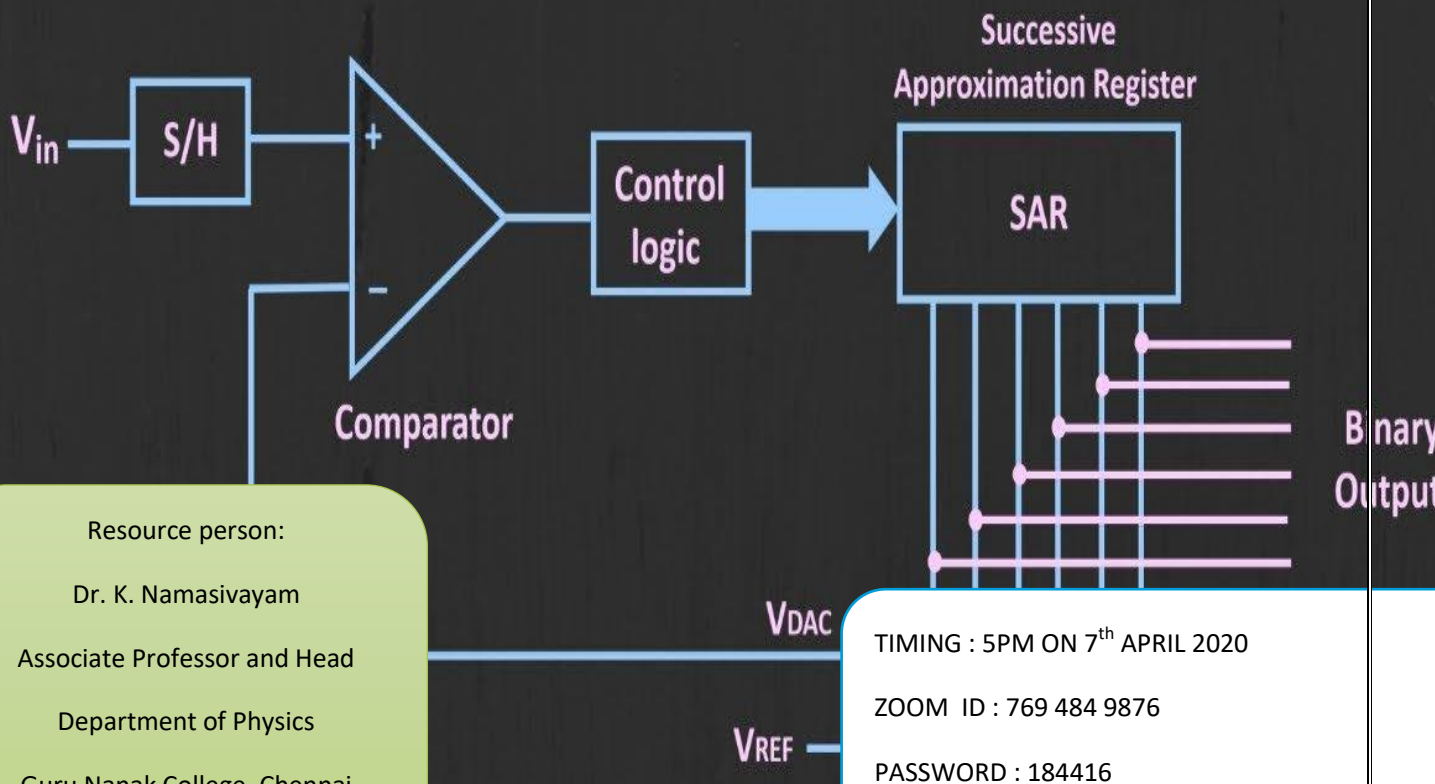
ZOOM ID : 769 484 9876

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

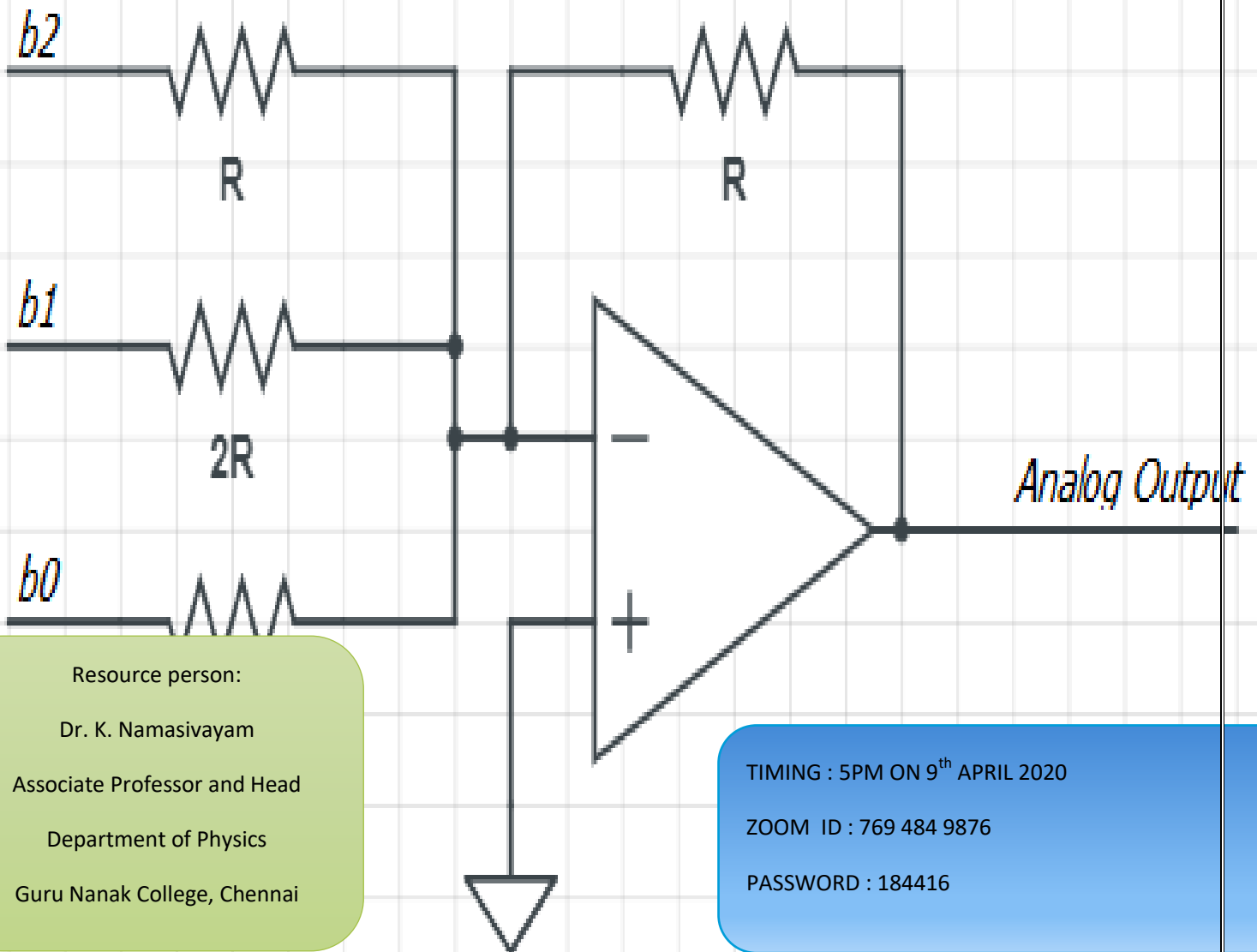
TIMING : 5PM ON 7<sup>th</sup> APRIL 2020

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 9<sup>th</sup> APRIL 2020

ZOOM ID : 769 484 9876




PASSWORD : 184416

Close Participants (17)

Search

- JS** Jaya shree (me)   >
- N** NAMASIVAYAM KALYANA... (host)   >
- BS** Bala subramanian   >
- C** Chandra Lekha   >
-  Gurinder Rathore   >
-  HEMRAJ Raju   >
- S** Shivashini   >
- TK** Tamizharasan K V   >
- VM** Vijay Murugan   >
- A** Akash ravi   >

Chats Invite

Photos

5:48



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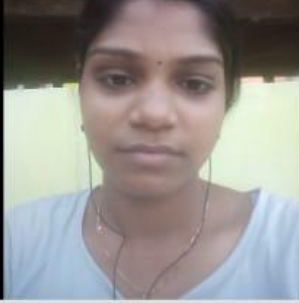
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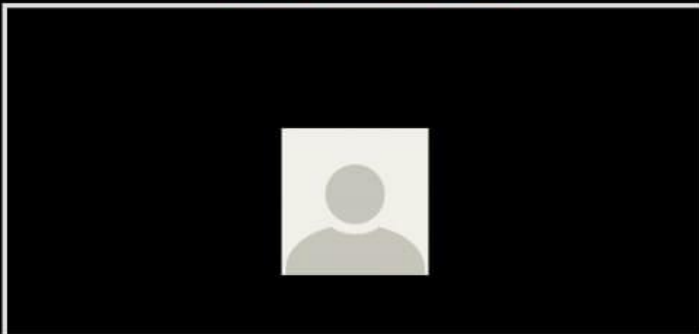
Jaya shree



NAMASIVAYAM KALYANASUNDARAM



Vijay Murugan



Audio



Video



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Participants



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