



Department of Electronics and Communication Engineering LNCTE Bhopal

Publicity Report of March 2021

- An **Interactive session** organised by Department of EC LNCTE on” Placement Interaction, Start-up Environment, Digital Citizenship & Internet Maturity Skills for college students ” by Mr. Yadav Hemant Santram, on Tuesday 16-03-2021 from 12:00 PM to 03:00 PM) for the students of EC 4th semester LNCTE Students. The session was too Interactive, Informative and interesting for students which focuses on how to get placements, how to get Digital Citizenship for learning advanced technologies, how can one become a successful Entrepreneur. The session was delivered successfully under the guidance of Dr. Abhinav Bhargava (HOD EC LNCTE), Coordinated by Dr. Deepak Soni (Associate Professor).





LAKSHMI NARAIN COLLEGE OF TECHNOLOGY EXCELLENCE, BHOPAL





- An **Online Expert talk session** organised by Department of EC LNCTE on **”Norton Op-Amps ”** by **Dr. Rashmi Patil**, **“Assistant Professor, Sinhgad Academy of Engineering College, Pune”** on **Friday 19-03-2021** from **03:00PM to 04:00PM**) for the students of **EC 4th semester LNCTE** Students. The session was too Interactive, Informative and interesting for students which focuses on the various concepts of Op-Amps, Their functions, Classifications and Applications. The session was delivered successfully under the guidance of **Dr. Abhinav Bhargava (HOD EC LNCTE)**, Coordinated by **Prof. Vini Shreni (Associate Professor)**.



Expert Talk Norton Op-amps

ISTE CHAPTER LNCTE

Speaker
Dr. Rashmi Patil
Assistant Professor
Sinhgad Academy of
Engineering College, Pune

 **19th MARCH
2021**  **3:00PM to
4:00 PM**

Organizer:
Prof. Vini Shreni
Dr. Abhinav Bhargava



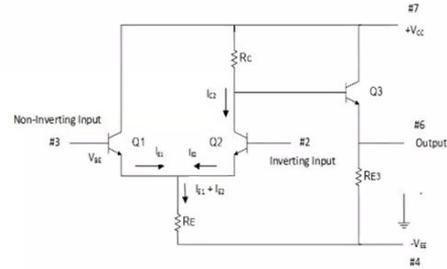
       

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Microsoft PowerPoint interface showing a slide titled "BASIC CIRCUIT OF AN OPERATIONAL AMPLIFIER".

The slide content includes:

BASIC CIRCUIT OF AN OPERATIONAL AMPLIFIER



The diagram shows a differential pair of transistors Q1 and Q2. The non-inverting input (#3) is connected to the base of Q1. The inverting input (#2) is connected to the base of Q2. The emitters of Q1 and Q2 are connected to a common emitter resistor RE. The collector of Q1 is connected to a collector resistor Rc and the base of Q3. The collector of Q2 is connected to the emitter of Q3. The emitter of Q3 is connected to a resistor RE3 and ground (-Vcc, #4). The output (#6) is taken from the collector of Q3. The supply rails are +Vcc (#7) and -Vcc (#4). Currents i1, i2, and i3 are indicated at various nodes.

Click to add notes

Participants: 276 | Chat | Share Screen | Record | Reactions | Leave



Zoom Meeting

Recording

vinod pathak Rashmi Patil 0103EC191159...

Participants (274)

Find a participant

- VP vinod pathak (Me)
- DA Dr. Aparna Gupta (Host)
- RP Rashmi Patil (Co-host)
- 0103EC191064 Ayush sahu
- 0G 0103EC191089 Gourav Nema
- 0103EC191094 Himanshu Singh
- Abhishek Kumar (0103EC191010)
- M. Mayank .s. singh 0157EC191070
- Riya gupta 0157EC191088
- SS Suvigya Shrivastava (0157EC191...
- *Aditi Saxena*0157EC191011
- (0103EC191042)Anshika Yadav
- (0157EC191053)Jahnvi .
- (K) (0157EC191117)amanna kumari

3:12 PM 3/19/2021

Microsoft PowerPoint: Norton OpAmp.pptx

BASIC CIRCUIT OF AN OPERATIONAL AMPLIFIER

Microsoft PowerPoint: Norton OpAmp.pptx

NORTON OPAMPS

- It is possible to create an input-differencing function without using a differential amplifier.
- One alternative is to use a current mirror arrangement to form a current differencing amplifier.
- Because the input function deals with a difference of current instead of voltage, amplifiers of this type are often referred to as Norton amplifiers.
- Norton amplifiers have the distinct advantages of low cost and the ability to operate from a single-polarity power supply.
- The most popular Norton amplifier is the LM3900.
- The LM3900 is a quad device, meaning that four amplifiers are combined in a single package.

Participants: 279

Unmute Start Video

Participants Chat Share Screen Record Reactions Leave

Microsoft PowerPoint: Norton OpAmp.pptx

TYPE LM3900 NORTAN OPAMP

- Basic Gain Stage



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This screenshot shows a Zoom meeting interface. On the left, a shared screen displays a circuit diagram titled "Simple RC amplifier and circuit symbol". The diagram includes a common-emitter amplifier circuit with a resistor network and a feedback loop. The text "Click to add notes" is visible at the bottom of the shared screen. On the right, a grid of participants is shown. The top row includes Rashmi Patil (highlighted), Dr. Bhanu Pr..., and ANISH SHYAM... Below this, other participants like Kumar anukul..., Muskan sahu..., and Shubhi saxena 0... are visible. The bottom of the interface shows controls for Unmute, Start Video, Security, Participants (275), Chat, Share Screen, Pause/Stop Recording, Reactions, and Leave.

This screenshot shows a Zoom meeting interface with a grid of participants on the left and a list of 264 participants on the right. The grid includes participants such as ANISH SHYAM..., Dr. Bhanu Pratap S..., Mirunali Choudhary, and Dr. Aparna Gupta. The list on the right, titled "Participants (264)", contains names and IDs, including Dr. Bhanu Pra... (Co-host, me), Dr. Aparna Gupta (Host), Rashmi Patil (Co-host), and many others. The list also includes icons for mute, video, and chat for each participant. At the bottom of the list, there are buttons for "Invite" and "Mute All".