

Academic Year 2020 – 2021

Event 1: Online Quiz

The PG & Research Department of Mathematics organized an “Online Quiz Competition” from 27.05.2020 to 31.05.2020. Nearly 300 students, research scholars and faculties from various colleges participated in the competition.

Event 2: National Webinar

The PG & Research Department of Mathematics organized a national level webinar on 05.08.2020. Prof. N. Raji, Head, PG & Research Department of Mathematics gave the welcome address. Principal Dr.M.Valarmathi felicitated the gathering. Dr.S.PARTHIBAN, Associate Professor, Department of Mathematics, Vignan’s Foundation for Science, Technology and Research(Deemed to be University), Vadlamudi, Guntur District, Andhra Pradesh, India was the resource person and delivered a special lecture on “Applications of Transforms and Differential Equations”. Nearly 250 students, research scholars and faculties from various colleges attended the webinar. At the end of the session Prof.M.Karthic, PG & Research Department Mathematics gave the vote of thanks.

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "TRANSFORMS AND THEIR APPLICATIONS" with a sub-heading "V-I and I-V relations (V = Voltage; I = Current)". The slide contains a table with the following data:

| Component | Symbol | V-I Relation | I-V Relation |
|-----------|--------|---------------------------------------|---------------------------------------|
| Resistor | | $v_R(t) = i_R(t)R$ | $i_R(t) = \frac{v_R(t)}{R}$ |
| Capacitor | | $v_C(t) = \frac{1}{C} \int i_C(t) dt$ | $i_C(t) = C \frac{dv_C(t)}{dt}$ |
| Inductor | | $v_L(t) = L \frac{di_L(t)}{dt}$ | $i_L(t) = \frac{1}{L} \int v_L(t) dt$ |

Below the table, there is a video feed of a man in a white shirt, identified as PARTHIBAN SELVAM. The Zoom interface includes a top bar with "Zoom Meeting", "You are viewing PARTHIBAN SELVAM's screen", and "View Options". A "Recording Paused" indicator is visible. On the right, a "Participants (126)" list shows names like SenthilMurugan JB (Host, me), PARTHIBAN SELVAM (Co-host), B.Vinoth (Co-host), Karthic M (Co-host), MOGAN D (Co-host), and others. The bottom of the screen shows the Windows taskbar with the time 11:46 AM on 8/5/2020.

Zoom Meeting | You are viewing PARTHIBAN SELVAM's screen | View Options

Recording Paused

Participants (125)

Find a participant

- SenthilMurugan JB (Host, me)
- PARTHIBAN SELV... (Co-host)
- B.Vinoth (Co-host)
- Karthic M (Co-host)
- MOGAN D (Co-host)
- 1lL6rTJf9lv6yrbPQ_501SAAAAAB...
- 1XvdnA88D8GgN_9025AAAAAB...
- 83376663429
- A. CHARUMATHI
- Amol Patil
- Anand
- Arelli Sonika
- Asadur Rahman Laskar
- Avinash Bansidhar Thakare

Unmute | Start Video | Security | Participants 125 | Polls | Chat | Share Screen | Reactions | More | End

11:46 AM 8/5/2020

Zoom Meeting | You are viewing PARTHIBAN SELVAM's screen | View Options

Recording Paused

Participants (118)

Find a participant

- SenthilMurugan JB (Host, me)
- PARTHIBAN SELV... (Co-host)
- B.Vinoth (Co-host)
- Karthic M (Co-host)
- MOGAN D (Co-host)
- 1XvdnA88D8GgN_9025AAAAAB...
- 83376663429
- A. CHARUMATHI
- Amol Patil
- Arelli Sonika
- Asadur Rahman Laskar
- Avinash Bansidhar Thakare
- B.Manu
- Barathj

Unmute | Start Video | Security | Participants 118 | Polls | Chat (Alt+H) | Share Screen | Reactions | More | End

11:33 AM 8/5/2020

TRANSFORMS AND THEIR APPLICATIONS

Let a function $f(t)$ be continuous and defined for positive values of 't'. The Laplace Transformation of $f(t)$ associates a function "s" defined by the equation

$$L[f(t)] = \int_0^{\infty} e^{-st} f(t) dt = F(s)$$

The operator "L" that transforms $f(t)$ to $F(s)$ is called the Laplace transform operator.

Cancel the Spotlight Video

PARTHIBAN SELVAM

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MATHEMATICS ASSOCIATION PROGRAMM

Mathematics Association, The PG and Research Department of Mathematics conducted a special lecture on “SENSITIVITY ANALYSIS IN LINEAR PROGRAMMING” on 22nd January 2021. Dr.A.SRIDHAR, M.Sc., M.Phil., Ph.D.,PGDCS.Assistant Professor, PG & Research Department of Mathematics, Government Thirumagal Mills College, Gudiyattam was the resource person and he gave a special lecture on this topic.

