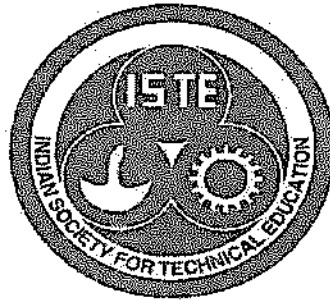


# Activity Report

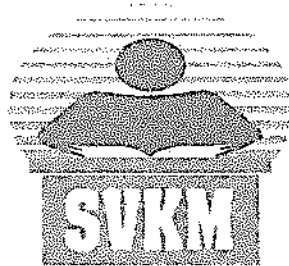
## Webinar on Future of Electronics as Entrepreneur

Technically Sponsored By



Organized By

Department of Electrical Engineering





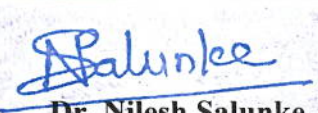
SVKM's Institute of Technology, Dhule M.S



**Department of Electrical Engineering**

Academic Year 2021-22

**Webinar on Future of Electronics as Entrepreneur**

<b>Objective</b>	<ol style="list-style-type: none"><li>1. To provide opportunity to learn.</li><li>2. To have interaction with speaker to clear doubts.</li></ol>	
<b>Organizer</b>	Department of Electrical Engineering SVKM's Institute of Technology, Dhule	
<b>Participating Class &amp; Division</b>	Open for internal (B.Tech. Electrical) students	
<b>Date</b>	13 <sup>th</sup> August 2021	
<b>Time</b>	12:45 pm to 02:15 pm	
<b>Venue</b>	Online	
<b>Coordinator/s</b>	<b>Organizing Team:</b> Mr. Sandeep Ushkewar, Mr. Gaurav Patil, Dr. Namra Joshi, Mr. Jagdish More, Mr. H. Ansari, Mr. Rahul Thakur, Mr. Shahid Akhtar, Ms. Farha Naz	
<b>Name of Speaker with Designation</b>	Prof. Sanjay A Chaudhari, Director at Electronics Study Centre, Nashik	
<b>Brief report on activity</b>	<ul style="list-style-type: none"><li>• Expert talk</li><li>• Q &amp; A session with speaker</li><li>• Certificate for participants</li><li>• Registration Link: <a href="https://docs.google.com/forms/d/1Ungl-ILWa7gQo_X7cC9Ym9GMmMRGSKwDnMqM5tmnVFs/edit">https://docs.google.com/forms/d/1Ungl-ILWa7gQo_X7cC9Ym9GMmMRGSKwDnMqM5tmnVFs/edit</a></li><li>• Feedback Link:</li></ul>	
<b>Duration of Program</b>	1.5 Hrs	
<b>Date:</b>	13 <sup>th</sup> August 2021	
 <b>Department of Electrical Engineering</b> Coordinator/s	 <b>Dr. Vishal Moyal</b> Department Coordinator	 <b>Dr. Nilesh Salunke</b> Principal & Patron

Dr. Namra Joshi

**Principal**  
SVKM's Institute of Technology, Dhule



SHRI VILE PARLE KELAVANI MANDAL'S  
**Institute of Technology, Dhule**

Approved by AICTE New Delhi | Affiliated to DBATU, Lonere

**Department of Electrical Engineering**

**Attached:-**

1. Activity Poster
2. Certificate sample
3. Event Memories/ Pictures
4. Feedback
5. List of Participants



SHRI VILE PARLE KELAVANI MANDAL'S  
**Institute of Technology, Dhule**

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Department of Electrical Engineering

## 1. Activity Poster



**Shri Vile Parle Kelavani Mandal's  
Institute of Technology, Dhule**

Approved by AICTE, New Delhi | Affiliated to DBATU, Lonere  
Behind Gurudwara, Mumbai-Agra National Highway, Dhule, Maharashtra

Department of Electrical Engineering in collaboration with  
ISTE  
Organizes

### Webinar on "Future of Electronics as Entrepreneur"



By,

**Mr. Sanjay Chaudhari (Director, Electronics Study Centre, Nashik)**

**13<sup>th</sup> August 2021 (12:45 PM Onwards)**

Join At: <https://bit.ly/2VCGoqM> Meeting ID: 891 531 643 291 555555

**Who Can Participate? B.Tech Electrical Students**

E-Certificate will be awarded to participants

Student Coordinators		Convener	Patron
Chetan More	Apeksha Mahale	Dr. Vishal Moyal Coordinator	Dr. Nilesh P. Salunke Principal
Blushan Jagtap	Shivam Bhingare		
Aishwarya Bhiadage	Tushar Mali		

Email: [workshop.svkm-iot.electrical@gmail.com](mailto:workshop.svkm-iot.electrical@gmail.com)

Website: [www.svkm-iot.ac.in](http://www.svkm-iot.ac.in)

Follow Us on Facebook: [www.facebook.com/eesvkm](http://www.facebook.com/eesvkm) ; [www.facebook.com/Svkm-iot](http://www.facebook.com/Svkm-iot)

For any query contact us on: 9423694278, 7040506295, 9039565429



## 2. Certificate Sample

Certificate No: 01

# Certificate of Participation

*We are pleased to certify that*

**Mahajan Priyanka Jagdish**

*has participated in "FUTURE OF ELECTRONICS AS  
ENTREPRENEUR" on 13<sup>th</sup> August 2021 organized by SVKM's  
Institute of Technology, Dhule.*

  
Convenor  
Dr. Vishal Moyal  
Electrical Engineering Dept



  
Patron  
Dr. Nilesh Salunke  
Principal



## 4. Event Memories/Pictures

**Who may become Entrepreneur**

- Fund- Lot of money few cords..... Luck
- Familiar business ..... Qualification not required

Expected from **Engineering students-**

- **Knowledge in respective fields**.....basic + advance
- **Skills**..... Expert in few domain
- **Technology- Invention- patent**.....Its a result of above
- **Experience**.....Practices

**Services hired by CA; Tax consultant; Accountant**

- **Govt Rules, schemes, facilities**

Participants (42): Farha Naz (M), ESC (Host), Dr. N.R. Joshi (Co-host), Ajay Patel, Ajay Shelkar, Aryan Jadhav, Bhavana Patil, Bhoomesh Sahu, Chetan Kailas Khoskar, Chintha. Nayya, Dhanu Abhishek Shaichetimar, DEEPAK KUSHWAHA, Dr. Vishal Moyal, Jaspreet, Kapil Pavaia, Mahendra Jamadar, Mr. Naveen Patel (Asst. Prof)

**Resistor Testing**

Any two terminal device shows result by DMM as

In both direction, if It shows same reading  
Its a **Resistor** either **Inductor**  
It can be confirmed by **physical appearance**.

In both direction, It shows same reading  
which is the value of Resistor

In both direction, It shows 470Ω  
It's a Resistor of 470Ω

In both direction It shows 10k Ω,  
It's a Resistor of 10k Ω

Participants (42): Farha Naz (M), ESC (Host), Dr. N.R. Joshi (Co-host), Dr. Vishal Moyal (Co-host), RUK KANWAR, Ajay Shelkar, Aryan Jadhav

Chat:

rdi: continuation attend complete session and submit feedback

From Shupendra Bhat to Everyone: so interesting sir

From Bhavishumar Vijaybhai Patel to Everyone:

Who can see your message? Please click on

To: Everyone

Type message here...



Zoom Meeting

Participants (42)

Dr. MR. Joshi (Co-host) Dr. Vishal Moyal (Co-host) R.K. KANEWAR bhupendra shah Jay Shelkar Aryan Jadhav Bhavana Paul

## Electronic Component coding system

IC, VCE, IB, hfe, operating freq.

To remember these no. of parameters its very difficult therefore each transistor is specified as No. Codes

No. Codes	Two Alphabets & Three Numerics	
1 <sup>st</sup> Alphabet A to D	2 <sup>nd</sup> Alphabet A to Z	Serial No.
A, B, C, D,	A, B, C, D, E, F, G, H,.....Z	100 To 999
A- Germanium B- Silicon C- Gallium Arsenide	C- Low power, Audio frequency D- Power, Audio frequency E- Low Power, High frequency F- Low power Triac Y- Rectifier Diode A- Low power (signal) Diode	It's a particular (Specific) device e.g.
First Alphabet specifies the type of	Second Alphabet represents the	

Chat

Dear Participants, It is compulsory to fill in the feedback of the session to mark your attendance. Link for Feedback: <https://forms.gle/ehkZWoDoQua11Y56>

From bhupendra shah to Everyone: done sir

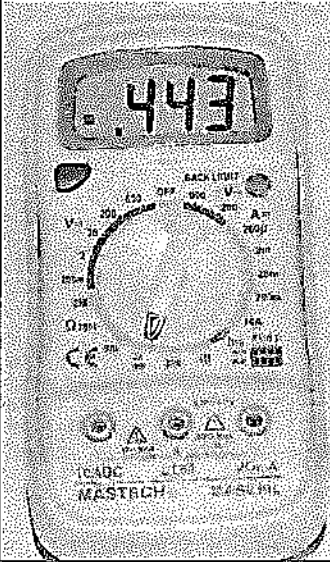
To: Everyone

Type message here...

Zoom Meeting

Participants (41)

Ferna Naz Patel Tejas



### How to use DMM

- ▶ Insert Black probe in common socket.
- ▶ Insert Red probe in Volt/Ω/10mA socket.
- ▶ Rotate function selector switch slowly & smoothly.
- ▶ Select the function (for Voltage/ Current/ Resistance/ Buzzer/ Diode (semiconductor) with proper range as per requirement).
- ▶ **Hot Test- Measurement of Voltage / Current**
- ▶ Select correct range for test test. (Voltage / Current) if anywise DMM may damage.

**Precaution:** Do not measure Voltage after selecting Resistance/ Current/ Buzzer range. Do not measure Current after selecting Resistance / Buzzer range.

**Cold Test- Measurement of Resistance (Ω)** Buzzer Range: continuity test  
1 → ∞ (Open) 0 → Short | Buzzer sounds (0 - Ω) → Continuity/ Short

#### Testing Electric ( Passive ) Components:

Switches: all types of Resistors, Inductors, Capacitors, CT, Transformer Relay, Solenoids

**Electric Component Value:** Select any of the Ω range to measure check it as per value of component (known/unknown) quantity as per requirement. (For Capacitor 2MΩ)

**Known quantity:** Select proper range. (smallest, but just higher than measuring quantity).

**Unknown quantity:** Select the highest range, go towards lower (if you get precise reading).

**Diode Test- Resistance:** connect (black) both the probes together. If reading is 0 and when disconnected 1 (∞) then DMM is ready for resistance measurement and component testing. If Buzzer sounds, then it is ready for continuity test (for Fuse/ Switches/ Tracks/ Relay Contacts).

**Resistance:** Hold a probe with a lead in your hand, then connect another probe to the other lead **without touching hand to the other lead.**

#### Testing Electronic ( Active ) Components:

Diodes, LED, Display, Photo Diode, Transistor, SCR, Diac, Triac, MOSFET, IGBT.

Range: (Normal) Transistor: Diode → 100Ω, 1kΩ, 10kΩ, 100kΩ, 1MΩ, 10MΩ, 100MΩ, 1GΩ

Reverse bias → 1 → 100 Forward bias → 500 to 1.5kΩ

If DMM shows continuously 1, measuring quantity is higher than selected range. Then increase the range to highest, even then if 1 shows 1 (∞), it means Open circuit.

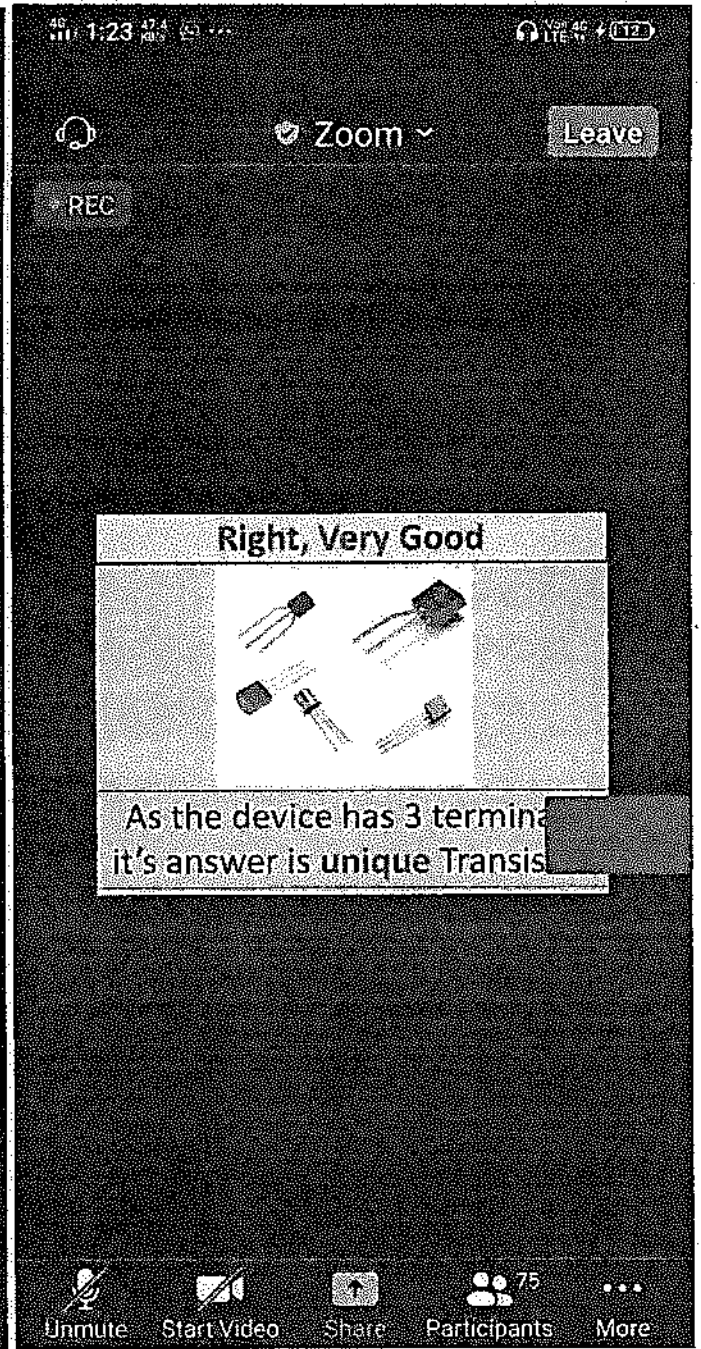
Chat

Participants (41)

Ferna Naz Patel ESC Nishu 98709 404... (Host) Dr. MR. Joshi (Co-host) Dr. Vishal Moyal (Co-host) Patel Tejas Jay Shelkar Aryan Jadhav Bhavana Paul Bhavikumar Vijaybhairu Patel Bhoomish Sudi Bhupendra shah Chetan Karan Khaimar Dangi Abhishek Shalishkumar DEEPAK KUSHAWAHA Jaspreet Singh Kapil Pawara Mahendra Srimadar



**Department of Electrical Engineering**



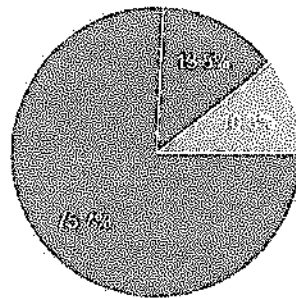




### 3. Feedback

#### Content of Webinar

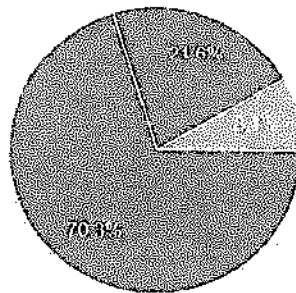
37 responses



- Excellent
- Very good
- Good
- Fair
- Poor

#### Knowledge Level of Resource Person

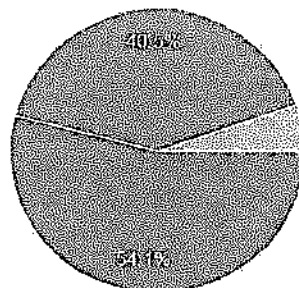
37 responses



- Excellent
- Very good
- Good
- Fair
- Poor

#### You wish to join such session in future

37 responses



- Strongly Agreed
- Agreed
- Neutral
- Not Agree



## Department of Electrical Engineering

### Remarks

27 responses

Session was be very wonderful and give us lot of knowledge about electronics.

EXCELLENT session, received very knowledgeable information

Nice sir

It is too fruitful

Nothing

The session was excellent.

It was really a great session

nathing

This session improved our General knowledge about electrical engineering

### Remarks

27 responses

Good

No

Very Helpful session

Excellent

Nicely Explained by sir.

This session is helpful for us



**Department of Electrical Engineering**

**4. List of Participants**

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**Department of Electrical Engineering**

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