

Government Engineering College Valsad

Electrical Engineering Department

Report on Webinar entitled as
“Introduction to Finite Element Analysis (FEA) using ANSYS Software and its Utilization in Learning, Training and Research”

Dated 26-05-2020

Dr Nikunj Patel delivered an excellent session dated 26.05.2020 on “Introduction to Finite Element Analysis (FEA) using ANSYS Software and its Utilization in Learning, Training and Research”. The online session boosted the confidence of our Electrical department students and it gave them knowledge and direction to work in the said area of Electrical Vehicles. Session highly motivated our students and it will be beneficial to them. The meet was conducted on Cisco webex platform as mentioned below. Final year students along with staff of Electrical department participated in said event.

Meeting:-Dr Nikunj patel meet on Cisco webex

link: <https://meetingsapac11.webex.com/meetingsapac11/j.php?MTID=m84d8b6d6e42d91b2e97fc843a6e8011b>

Meeting number: 918 397 919


The photos of the said event are enclosed with this document.




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Participants (49)

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**Innovation and Incubation Center
Government Engineering College
Valsad**



"Introduction to Finite Element Analysis (FEA) using ANSYS Software and Its Utilization In Learning, Teaching and Research"

Speaker:
Dr Nikunj R Patel
Head of Electrical Eng. Dept.
Shree Swami Atmanand Saraswati Institute of Technology Surat.

Date of webinar: 26th MAY 2020, Time: 11 AM to 12:30 PM
Note: -Webinar link will be shared on 25th May 2020

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Participants (48)

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Flow of Presentation


What is FEM? What is Ansys?	Level 1	Basics idea about FEM and ANSYS
Role of FEA in Engineering.	Level 2	By Help of different Case Studies (Ansys)
How it applicable in electrical engineering for study, teaching and research?	Level 3	Case studies (Ansys)
Detailed Analysis of SRM and other Machines on ANSYS	Level 4	Results and discussion
Basic Practical session on Ansys Maxwell (Demonstration only)	Level 5	As per available time

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Which quality is required for Learning, Teaching and Research?



**Thought Process
IDEA**