

REPORT

“IEEE PES DAY- EXPERT TALK & QUIZ”

Date:

23rd April, 2024

G H Patel College of Engineering & Technology,
CVM University

INTRODUCTION:

The IEEE Industry Applications Joint Chapter (IAS) and Power & Energy (PES) Joint Chapter are prominent branches within the IEEE community, dedicated to advancing technology in industrial applications and power and energy systems, respectively. These societies often host events, conferences, and seminars to foster knowledge exchange and innovation among professionals and researchers in their respective fields.

On April 23rd, 2024, the IEEE GCET SB IAS PES Joint Chapter organized an event to celebrate International PES Day. The event included an expert talk on "Motor Control for Energy Efficient Operation of Electric Vehicles" and a quiz on the same theme, focusing on advancements in vehicle technology with an emphasis on energy efficiency and sustainability in electric vehicles.

ABOUT THE EVENT:

The event, organized by the IEEE GCET SB IAS PES Joint Chapter to celebrate International PES Day, took place on April 23rd, 2024. It consisted of two parts: Expert Talk and Quiz.

1. EXPERT TALK

The expert talk, commencing at 10:30 AM, was conducted within the formal setting of the seminar hall. Renowned speaker K Ragavan, a distinguished professor from IIT Gandhinagar, delivered an illuminating discourse on "Motor Control for Energy Efficient Operation of Electric Vehicles." The session, characterized by its interactive nature, facilitated robust engagement from the audience, who actively participated in the discussions. This lively exchange of ideas contributed to the overall success of the event, which was deemed both informative and enjoyable by participants.

2. QUIZ

Additionally, a quiz was held on the same topic as the expert talk, facilitated through the Quizizz platform. Participants engaged in a stimulating competition, testing their knowledge on "Motor Control for Energy Efficient Operation of Electric Vehicles." After an intense session of questions and answers, three winners emerged, certificates were provided to the quiz winners, recognizing their outstanding performance in the competition.

ABOUT THE SPEAKER:

Dr K Ragavan. He is an associate professor in Electrical Engineering department in IIT Gandhinagar. He pursued his PHD from IIT Bangalore in 2006 and has an expertise in drives for Electric Vehicles, Diagnostic testing and condition monitoring of transformers. He received the Excellence award in teaching in the year 2014 and has guided many doctoral theses in his tenure as a professor.

ATTENDANCE SHEET:

A total of 67 participants attended the event.

Name	Branch	Year	Enrolment Number
Pushti Nagrecha	IT	1	12302080501081
Priya Saholia	IT	1	12302080501044
Aarav Saroliya	IOT	1	12302110501001
Khushi Desai	EC	2	12202060501011
Kutubkhan Jhabuawala	EC	2	12202060501002
Malav Mehta	EC	2	12302060303001
Vraj Shah	EC	2	12202060501025
Pujan Patel	EC	2	12202060501016
Jetun Macwan	EC	2	12202060501009
Priyal Bariya	EC	2	12202060501015
Aarsh Vasava	EC	2	1220200501001
Sahihna Barad	EC	2	1220200501017
Gaurav Kumar	EC	2	12202060501005
Jaimin Senta	EC	2	12202060501000
Krish Vaghela	EC	2	12202060501012
Divya Panchal	EC	2	12202060501023
Prerna Goswami	IT	2	12202080501042
Nensi Chavda	CP	2	12202040501011
Hitarth Soni	CSD	2	12202130501027
Jamila Kapadia	CSD	2	12202130501031
Anshita Shah	CP	2	12202040501008
Miti Bhatt	CP	2	12202040501040
Pushti Baldha	CP	2	12202040501079
Yogesh Patel	CP	2	12202040501063
Prem Patel	EE	2	122020501004
Sorathiya Kaushik	EE	2	12302050503006
Bhadradiya Rohit	EE	2	12302050503009
Aryika Patni	CP	2	12202040501009
Kripa Jantrania	CSD	2	12202130501036
Riju Patel	IT	2	12202080501048
Keyuri Sorathiya	EC	2	12202060501010

Abhinav Yadav	EC	2	12202060501002
Sankalp Vyas	EC	2	12202060501018
Jeet Thanki	EC	2	12202060501008
Nihar Pathan	EC	2	12202060501002
Uday Mandhoda	EC	2	12202060501021
Bhavya Diwan	CSD	2	12202130501072
Nitty Goghari	IOT	2	12202110501041
Shaan Fadadu	IT	2	12202080501054
Stavan Shah	CSD	2	12202130501085
Akshat Mistry	CP	2	12202040501006
Het Bhutak	CSD	2	12202130501024
Anushka Parmar	EC	2	12202060601001
Patel Harsh	EE	2	123020503004
Panchal Vivek	EE	2	12302050503014
Mahek Ajmera	IT	2	12202080501032
Aakash Solanki	EE	3	12102050501002
Ishwa Patel	CP	Diploma	42302840501023
Tirth Suthar	IT	Diploma	42302880501057
Kairavi Soni	IT	Diploma	42302880501022
Patel Jinal	IT	Diploma	42302880501020
Jaliya Dhruvi	CP	Diploma	42302840501011
Nishtha Patel	IT	Diploma	42302880501040
Aerena Thakar	CP	Diploma	42302840501002
Vishwa Joshi	CP	Diploma	42302840501063
Panchal Kavya	IT	Diploma	42302880501024
Parekh Aayush	IT	Diploma	42302880501001
Bhumi Patel	IT	Diploma	42302880501006
Prit Patel	IT	Diploma	42302880501043
Janvi Kalani	IT	Diploma	42302880501018
Niraja Trivedi	IT	Diploma	42402880501039
Dhyey Patel	IT	Diploma	42302880501010
Patel Aekta	IT	Diploma	42302880501002
Patel Mitesh	IT	Diploma	42302880501036
Kavya Patel	IT	Diploma	42302880501023
Parth Patel	IT	Diploma	42302880501041
Dhruv Polra	IT	Diploma	42302880501041

EVENT POSTER:



The poster features a dark green background with a grid of white dots and lines. At the top, there is a header with logos for GCET, IEEE PES Day, IAS, IEEE PES, IEEE GCET Student Branch, and CVM University. The main title 'IEEE PES DAY 2024' is in large white font. Below it, the theme, date, and venue are listed. A circular portrait of the speaker, Raghvan K., is on the right. The event schedule is listed on the left with icons for poster presentation, expert talk, and quiz. The IEEE logo is at the bottom right.

IEEE PES DAY 2024
Theme : Empowering Electric Mobility Innovation
Date : 23rd April, 2024
Venue : Seminar Hall, GCET

-  **Poster Presentation**
Time : 09:30AM - 10:15AM
-  **Expert Talk**
Time : 10:30AM - 12:00PM
-  **Quiz**
Time : 12:15PM - 12:45PM

Speaker : Raghvan K.
*Associate Professor,
Electrical Engineering department,
IIT Gandhinagar, India*

G H Patel College of Engineering & Technology
(A Constituent College of CVM University)

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EVENT PHOTOGRAPHS:





CONCLUSION:

In summary, the event celebrating International PES Day, organized by the IEEE GCET SB IAS PES Joint Chapter, was a resounding success. Professor K Ragavan's expert talk on "Motor Control for Energy Efficient Operation of Electric Vehicles" provided valuable insights, while the quiz added an element of excitement. The event facilitated knowledge exchange and camaraderie among attendees, highlighting the commitment to innovation in power and energy systems.