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UNIVERSITY

Sree Sainath Nagar, Tirupati - 517102

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
SCHOOL OF ENGINEERING**

**REPORT – ON
International Expert Lecture
by**

Prof. Nicu Bizon

**University of Pitesti, Faculty of Electronics, Communication and Computers,
Pitesti, Romania**

Date: 30.12.2022

ORGANISED BY: Department of Electrical and Electronics Engineering, School of Engineering, Mohan Babu University Tirupati, India.

Convener: Dr. G. Hari Krishnan, Associate Professor, EEE, MBU



Figure 1: Expert Lecture Invitation



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The International expert lecture was held from 30th December, 2022 through online mode using google meet platform. Prof. Nicu Bizon University of Pitesti, Faculty of Electronics, Communication and Computers, Pitesti, Romania given an International expert lecture on the topic

ICECCES 2022
3rd International Conference on
Energy Control Computing and Electronic Systems
Organized by
Department of Electrical & Electronics Engineering
School of Engineering, Mohan Babu University
in Collaboration with
University of Pitesti
Pitesti, Arges, Romania
29th & 31st December 2022

**Advanced Energy Management Strategies
for Fuel Cell Vehicles**

Nicu BIZON
University of Pitesti,
Faculty of Electronics, Communications and Computers
Pitesti, Romania

Figure .1 Online Expert lecture delivered by Prof. Nicu Bizon

The expert lecture was conducted on topic "Advanced Energy Management Strategies for Fuel Cell Vehicles". All faculties of EEE department and final year and third year B.Tech EEE students attended through online platform. The expert discussed about the rapid growth of global car ownership and the consumption of nonrenewable energy, the world is facing challenges such as the energy crisis and climate change. The development of new energy vehicles is considered to be an effective solution to this challenge. A battery electric vehicle (BEV) is mainly composed of a battery, a motor and its controller. The energy required by the vehicle is only provided by the battery pack, which means that the capacity of the battery pack determines the driving range of the vehicle. The expert lecture happened for two hours with vote of thanks by convener Dr. G Hari Krishnan.

Dr. G Hari Krishnan
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