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COLLEGE OF ENGINEERING
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

National Conference on

"Flourishing Areas in Electrical and Electronics Engineering(NACOFEE'22)"

CONFERENCE REPORT

Online mode: Google meet (https://meet.google.com/zti-ouub-zgt)

OBJECTIVE

Department of Electrical and Electronics Engineering, Kings College of Engineering organised a One day National level Conference titled **NACOFEE'22** on **10thJune 2022**. The major aim and feature of this conference is to bring together academicians, research scholars, engineers and industry researchers to exchange and share their experiences as well as to address the technical challenges they have faced and the solutions they have found. Academicians from various fields are invited to share their perspectives about the latest trends in their fields of expertise. This conference provides opportunities for the academicians and participants to exchange their new ideas and to establish research relations for future collaboration.

This conference focused on recent advances in Electrical and Electronics Engineering Fields/disciplines, as described below.

- Automotive Electronics
- Control Engineering
- Electrical Storage
- Hybrid Electric Vehicle
- IoT in Electrical & Electronics Engineering
- Industrial Automation
- Renewable Energy Systems
- Reliability Analysis of Electrical Machines
- Soft Computing Techniques
- Smart Power Systems
- Coastal Engineering

INAUGURAL SESSION

The Conference was inaugurated by the Chief Guest **Dr. P. RAJA, Associate Professor, Department of EEE, NIT Trichy.**

WELCOME ADDRESS

The welcome address was given by Dr.A.Albert Martin Ruban, HOD/EEE & Convenor of NACOFEE' 22. He welcomed the dignitaries, faculty members and the students from various educational Institutions across the state. He also added that, he is very much delighted to see more external participants from various reputed colleges.
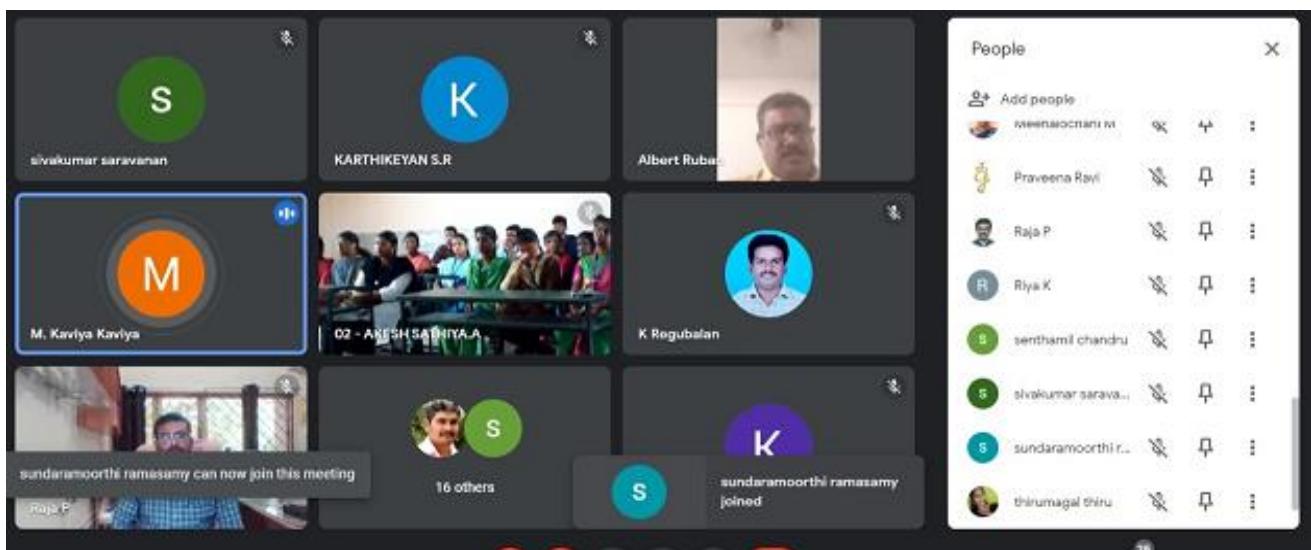
INAUGURAL SESSION

PRESIDENTIAL ADDRESS

The Presidential address was delivered by Dr.J.ArputhaVijayaSelvi, the Principal, Kings College of Engineering, Punalkulam. In the presidential address, she addressed the various challenges faced by Electrical Engineers in the present scenario to facilitate the need of the people. She also explained the latest advancements and technologies in the field of electrical engineering. Finally, she explained the importance of NACOFEE'22 and motivated the participants to use this national conference as a platform for presenting and creating innovative ideas in the domain of research.The inaugural address was delivered by Dr.S.Sivakumar, Vice-Principal, Kings College of Engineering, Punalkulam. In the Inaugural address, he explained the importance of renewable energy resources in the field of electrical engineering and its various influential impacts on the society. He also gave a brief insight on various renewable energy projects currently happening at various states in India. Dr.P.RAJA, Associate Professor, Department of EEE, NIT,Trichy, was the chief guest and delivered the keynote address.

CONFERENCE THEME

Dr.A.Albert Martin Ruban, HOD/EEE & Convenor of NACOFEE'22 portrayed the conference theme in a detailed manner. He also applauded the academicians and participants from various institutions for their participation in the conference.Then the Chief Guest was introduced by Dr.R.Arulraj, AP/EEE, Organizing Secretary of NACOFEE'22. He elaborated the academic qualification and the current research areas of the chief guest. He also detailed about his funded project works and various responsibilities held by the chief guest.
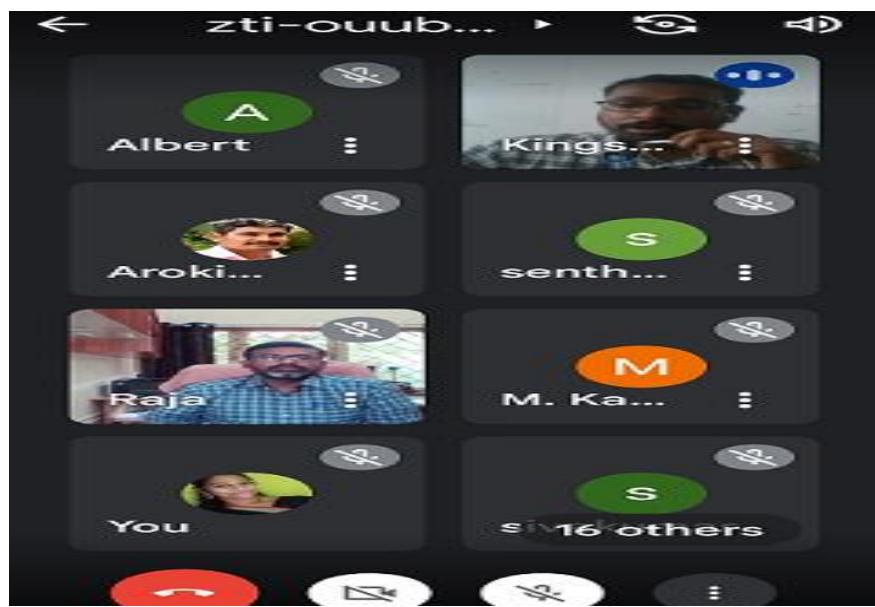
INTRODUCTION ABOUT THE   CHIEF GUEST

KEYNOTE   ADDRESS

Dr.P.RAJA, Associate Professor, Department of EEE, NIT ,Trichy, graced the occasion as chief guest and delivered the keynote address. In his address, he lauded the Management and the academic administration of the institute for hosting a National Conference. He insisted that Electrical Engineering is a prestigious branch and also a toughest branch. He also gave a presentation on how electrical engineering has flourished over the areas and gave a deeper insight on the importance of automation in electrical engineering. Furthur, he demonstrated the importance of artificial intelligence and machine learning in the domain of Electrical Engineering. It was an educative experience which offered the audience a rare opportunity to get a glimpse on the key note topics.

CHIEF GUEST ADDRESSING THE AUDIENCE

TECHNICAL SESSION

The technical session started in an impressive manner, where participants eagerly presented their papers in various domains of Electrical Engineering in both online mode and offline mode.

TECHNICAL SESSION - STUDENT PRESENTATION

PARTICIPANT DETAILS:

TOTAL PAPERS- 36

EXTERNAL - 31

INTERNAL-5

VALEDICTORY SESSION The valedictory session was conducted in the evening.The Conference ended with a vote of thanks delivered by Dr.P.Narasimman, AP/EEE who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students. Healso appreciated the student volunteers for their passionate efforts in making the Conference a grand success.

INVITATION

SAMPLE CERTIFICATE

Feedback from the participants:

UG STUDENT — 58.1%
PG STUDENT — 16.1%
PROFESSOR
ASSISTANT PROFESSOR — 19.4%
ASSOCIATE PROFESSOR
INDUSTRIALIST
RESEARCH SCHOLAR
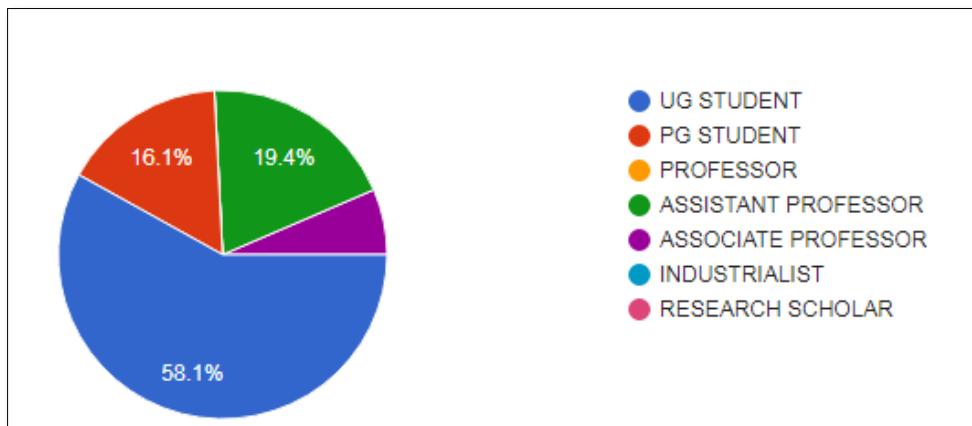
Keynote address by Chief Guest

1: 0 (0%)
2: 0 (0%)
3: 0 (0%)
4: (31.3%)
5: (68.8%)
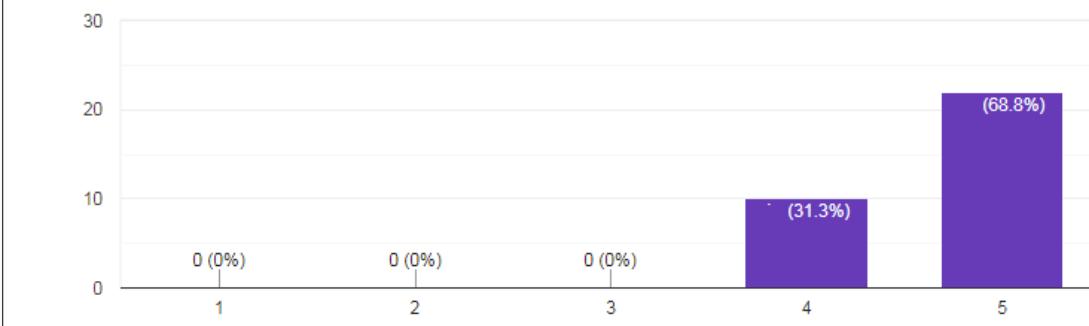
Overall rating for the conference

1: 0 (0%)
2: 0 (0%)
3: 0 (0%)
4: (25%)
5: (75%)