

NATIONAL CONFERENCE- NACETEC'19 NACETEC'19

NACETEC'19 is the second national conference organized by the department of Electronics and Communication Engineering.

Objective

To provide a platform for academic and industrial experts to explore and collaborate their ideas, thoughts towards the future and development of Electronics and Communication Engineering field.

Outcomes

- Attendees will get an idea about the latest strategies, research and best practices to improve their objectives.
- Attendees will be benefited from evidence based research work on the development of smart and intelligent electronic systems required by the society for a better living.

Conference Committee

Chief Patron	– Prof. (DR.) R. Sasikumar (Director,CAPE)
Patron	– Prof. (Dr.) Z.A. Zoya (Principal)
Convenor	- Prof. (Dr.) R. Bijukumar

Co ordinators - Prof. Archa A.B. , Prof. Santhosh B.S. , Prof. Surjith S.
(Assistant Professors , Dept. of ECE)

Selected areas in the conference

- Analog & Digital signal processing
- Speech signal processing
- Digital image & video signal processing
- Semiconductor technology
- Embedded Systems security
- Networking and data communication
- Wireless and mobile communication
- Nanoelectronics
- Robotics
- Mechatronics
- Intelligent Control systems
- Soft Computing technology
- Network security
- Wireless sensor networks
- Photonics and Optoelectronics

We provide wide publicity among engineering colleges all over the Kerala and nearby states. A website www.perumonec.ac.in/nacetec19 has been designed for this purpose and regularly updated till the conference related works are over. More than 100 queries regarding the conference has been received from interested authors from different institutions. We received around **65 articles** to be included in the conference. The conference committee conducted a review and selected **43 papers** for presenting in the conference. Also, we made an agreement with Internation Journal of Engineering Sciences and Research Technology (**IJESRT**) to

publish the selected articles if the authors want to do so. IJESRT is an online International referred journal of Impact factor **5.164**. Digital Object Identifier (D.O.I.) will be provided for each article. The Conference was inaugurated by **Sri. Soman V.**, who was the former **Deputy General Manager of BSNL**. He is having enormous experience in the field of electronic communication. He delivered the inaugural speech and after it, an informative Keynote address during the forenoon session of first day.

On the second day, an invited talk has been conducted on the topic HAPTICS handled by **Dr. Sreeni K.G.** He is currently working as **Assistant Professor in Department of Electronics and Communication Engineering, College of Engineering Trivandrum**. He is an expert in the area of **HAPTICS**.

We have selected 43 articles from different institutions to be presented in the conference. These papers were presented in **6 different tracks** arranged at 6 venues within the college. **Tracks were chaired by expert faculty members from CAPE colleges. Poster presentation** was also conducted as part of the conference. Around 20 articles were presented as poster at the venue seminar hall of ECE department.

Certificates of merit and cash award has been awarded for the presented articles and poster articles. Among the presented papers, a best paper and two second prizes are awarded for the authors as per the recommendation by the chairs. One poster has been selected from the presented papers and awarded best poster award. An amount of **Rs 68250** generated in the conference as registration fees

The conference concluded with a valedictory function presided by the principal. In the valedictory function, certificates of merit and cash awards were distributed to the eligible authors by the Principal.



. Conference inauguration



Releasing of Abstract book



Audience



Dr. Sreeni K.G. along with convenor and coordinators



Awarding Certificates of merit for selected articles