Government College of Engineering Kannur is one of the premier institutes among the 9 Government Engineering Colleges in Kerala and was established in the year 1986 under the Department of Technical Education, Government of Kerala. The college is functioning in a sprawling 68-acre scenic campus, having sound and self-sufficient infrastructure, at Mangattuparamba, near the National Highway, 15 kms from the headquarters of Kannur district. The college is affiliated to APJ Abdul Kalam Technological University. The institute offers B.Tech degree programs in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Computer Science Engineering. The College also offers five M.Tech programs in Computer Aided Structural Engineering (Civil Engineering), Advanced Manufacturing and Mechanical Systems Design (Mechanical Engineering), Power Electronics and Drives, Power Systems (Electrical and Electronics Engineering) and Signal Processing and Embedded Systems (Electronics and Communication Engineering). Doctoral programs are also offered under APJ Abdul Kalam Technological University.

About the Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering started in the year 1986, with an annual intake of 40 students for the UG program and affiliated to the University of Calicut. The affiliation of the UG program was changed to Kannur University in the year 1996 and its intake was increased to 90 students in the year 2000, after which the Department runs two batches of UG students. A PG program with the specialization in Signal Processing and Embedded Systems was started in the year 2012 with an annual intake of 18 students. The Department is affiliated to APJ Abdul Kalam Technological University (KTU), with effect from the 2015 admissions. The Department is always committed to produce quality engineers with profound technical knowledge in Electronics and its related areas. The graduates also acquire good practical knowledge through well-equipped laboratories and high leadership qualities, communication skills and decision making capabilities through the co-curricular and extracurricular activities.

Faculty Development Program on Audio and Speech Processing
13-18 January 2020
Sponsored by DTE Kerala
Organized by Department of Electronics and Communication Engineering & Faculty and Staff Development Training Centre (FSDTC) of Government College of Engineering Kannur

Coordinator Dr. Agnes Jacob Professor (NC)
Co-coordinator Dr. Sajesh Kumar U Assistant Professor

Vision
To impart knowledge in the field of Electronics and its related areas with a focus on developing the required competencies and virtues for the sustainable development of the society.

Mission
A supreme center for quality education, research and consultancy in Electronics and Communication Engineering.
About the Course

This FSTD course on Audio and Speech Processing seeks to strengthen the understanding of the participants in several vital areas of audio processing. As the human machine interface and Artificial Intelligence leans heavily on multimedia, of which speech is a prime component, a proper understanding of relevant topics is desirable in order to pursue fruitful research or studies in this area.

Course Contents

The main component modules are:

- Introduction to Audio and Speech Processing
- Modeling Techniques for Speech and Music
- Application of Pattern Recognition in Speech Processing
- Audio Coding Techniques
- State of the Art Techniques in Speech Processing

Resource Persons

Faculties from NIT, Government Institutions and Industry:

Dr. Leena Mary, Professor, GEC Idukki.
Dr. K. A. Navas, Professor, GCEK.
Dr. Jayan A.R., Professor, GEC Sreekrishnapuram.
Dr. Shajeemohan B.S., Associate Professor, GECK.
Dr. Jayesh M.K., Research Engineer, Samsung Research, Bangalore.
Dr. Deepu Vijayasenan, Assistant Professor, NITK.
Dr. Sinith M. S., Assistant Professor, GEC, Thrissur.
Dr. Rajeev Rajan, Assistant Professor, CET.

Important Dates & Contacts

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<tr>
<th>Course Duration</th>
<th>: 13-01-2020 to 18-01-2020</th>
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<td>Deadline of online registration</td>
<td>: 01-01-2020</td>
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<tr>
<td>Intimation of selection</td>
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Dr. Sajesh Kumar U
Co-Coordinator
Dept. of ECE
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Eligibility

Faculty members/Technical staff members of Government/Government aided/Self-financing engineering colleges and Polytechnics who belong to ECE, EEE, EI and CSE disciplines in the Kerala state.

TA/DA and Accommodation

Working lunch and tea will be provided to all the participants during the 6 days of the faculty development programme. TA will be provided as per Government norms, to the faculty and the staff members from Government/Government aided institutions. Accommodation will be provided on request.

Application Procedure

In order to apply for the FDP, the candidate has to follow the procedure as given below.

1. Create an account on the Training management System (TMS) portal through the DTE website
   
   http://admissions.dtekerala.gov.in/tpms/login

2. Apply online through this portal for the FDP.

An employee not under the Department of Technical Education has to click the link “read more” in the Apply for a Course section, on the website “http://admissions.dtekerala.gov.in/tpms”, and then select the specific active course. Fill in the application form and select the non DTE option to submit the application. In case of any doubt please contact at sajesh@gceck.ac.in.