

SPONSORSHIP

Mr./Ms.....
.....(name and designation) is hereby sponsored to attend the short term training programme on Signal Processing Techniques, conducted at Government Engineering College, Kozhikode. If selected, he/she will be permitted to attend the programme for the entire duration.

Signature of the
Head of Institution Office seal
Designation: Date:

IMPORTANT DATES

Last date for receiving applications
16th August 2010

Date of intimation regarding selection
20th August 2010

Course duration: **13 to 18, September 2010**

ADDRESS FOR COMMUNICATION

Dr. Reena P./Smt. Sreelatha G.

Co-coordinators

STTP on Signal Processing Techniques
Dept. of Applied Electronics & Instrum. Engg.
Government Engineering College
West Hill P.O., Kozhikode-673 005

Email: sttpaei@geckkd.ac.in
Mobile: 94958 92650, 94962 91852

Application form and more details of the STTP are available at the college website

<http://www.geckkd.ac.in>

Mail your queries to
sttpaei@geckkd.ac.in

ABOUT THE COLLEGE

The Government Engineering College, Kozhikode (GECK) is one among the prestigious engineering institutions under the Department of Technical Education, Govt. of Kerala. The college is located at West Hill, nearly 5 km away from Kozhikode city. It is affiliated to the University of Calicut and offers B. Tech. degree courses in Applied Electronics & Instrumentation Engg. (AEI), Chemical Engg., Mechanical Engg. and Civil Engg. branches. The college has excellent facilities which include a technical library with e-journal subscription, fully wi-fi campus, edusat connectivity, central computing facility, etc. The college is organising a national conference in this year.

ABOUT THE DEPARTMENT

The department of AEI has a team of well-qualified and experienced faculty, and excellent laboratory facilities. It has already conducted many short-term training programmes. Many sponsored ventures have been undertaken by the department which includes three projects sponsored by the AICTE.

ORGANISING COMMITTEE

Patron

Dr. Kuncheria P. Isaac
Director of Technical Education, Kerala

Chairman

Prof. P. A. Saheeda
Principal
Govt. Engineering College, Kozhikode

Co-ordinators

Dr. C. Sathish Kumar, Prof. & HOD,
Dr. Reena P., Asst. Professor, and
Smt. Sreelatha G., Senior Lecturer
(Dept. of AEI, GECK)

Short Term Training Programme on Signal Processing Techniques

13 to 18, September 2010

Sponsored by

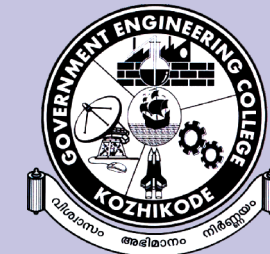
**Directorate of
Technical Education
Government of Kerala**

Co-ordinators

Dr. C. Sathish Kumar

Dr. Reena P.

Smt. Sreelatha G.



Organised by

**Dept. of Applied Electronics and Instrumentation Engg.
GOVT. ENGINEERING COLLEGE**

KOZHIKODE - 673 005

Phone : 0495 - 2383220

Fax : 0495 - 2383210

Web : www.geckkd.ac.in

OBJECTIVE OF THE COURSE

Signal Processing is one of the most powerful technologies that will shape science and engineering in this century. It has already contributed revolutionary changes in a broad range of fields such as communications, audio and video processing, radar and sonar, oil prospecting, seismology, and medical sciences. Signal Processing has a major role in the field of technical research and development, and basic skills in signal processing are mandatory for all scientists and engineers. The proposed short term training programme (STTP) aims to impart training on various techniques for processing the signals obtained from real world. Hands-on laboratory sessions are interspersed with the lectures to illustrate the taught material and allow the participants to pursue their interest in signal processing.

OUTLINE OF THE STTP

The topics covered in this STTP include

- Basics of Signal Processing
- Spectral Analysis Techniques
- Implementation of Signal Processing Algorithms using MATLAB/LabVIEW
- Multi-rate Signal Processing
- Speech Processing
- Introduction to Wavelet Transform
- DSP Starter Kit
- Applications of DSP

ABOUT THE STTP

This course is sponsored by Govt. of Kerala under the scheme of faculty development programme envisaged for helping faculty members to attain knowledge in frontiers of technology and latest software tools.

RESOURCE PERSONS

The various sessions of the training programme will be handled by faculty from host institution and other elite academic institutions like Indian Institute of Science Bangalore, National Institute of Technology Calicut, Govt. Engineering College Thrissur, etc.

ELIGIBILITY

Faculty members of Govt. and Govt. aided/controlled engineering colleges in Kerala State are eligible for attending this interdisciplinary programme. There will be no course fee for such participants. A few seats may be offered for faculty from other institutions; they shall pay a course fee of Rs.1000/-. This STTP would be particularly useful for faculty of ECE, EEE, AEI, IC, and BME departments.

HOW TO APPLY

Duly filled applications in the prescribed format, sponsored by the competent authority may be sent to the Co-ordinator so as to reach on or before 16th August 2010. The applicant may also send an advance copy of the application through e-mail.

ACCOMMODATION

For outstation candidates, accommodation can be arranged on making advance payment.

TA & DA

Travelling allowance and daily allowance will be paid to the participants from Govt./Govt.-aided institutions as per government norms.

Short Term Training Programme on Signal Processing Techniques

September 13 - 18, 2010

Sponsored by
Directorate of Technical Education, Kerala

Dept. of AEI
Govt. Engineering College, Kozhikode

Application Form

Name :
Date of birth :
Qualifications :
Designation :
Department :
College :
Address for :
Communication

Phone : Office :
Residence :
Mobile :

Email :

Teaching experience :years

Number of STTPs attended during the last 5 Yrs :

Whether accommodation is required : Yes/No

Your previous exposure to the following:
(please tick)

MATLAB DSP LabVIEW

The information given above is true to the best of my knowledge and belief. If selected, I will attend the course for the entire duration.

Signature of the candidate

Date