

### OBJECTIVE OF THE PROGRAMME

This programme is mainly designed to cater to the needs of teaching faculty of ECE/CSE /EEE/IT/E&I departments of Engineering colleges who are working with various simulation tools. Simulation tools are used extensively to understand and optimize performance and reliability of systems and to verify the correctness of designs. It is highly essential that all budding engineers should have adequate knowledge in system simulation tools. An in-depth knowledge in both theory and practical will be provided by the resource persons who are doing real time projects in these areas. This facilitates the participants to get hands-on experience with various system simulation tools. Besides, the programme is useful for conducting the experiments/projects and research work in every Engineering discipline.

The resource persons of the programme are from IITs, NITs and other esteemed institutes in the state.

### COURSE CONTENT

This programme will focus on Simulation of Analog circuits, Digital circuits, Instrumentation & Control systems, Neural networks, Fuzzy Logic systems, Genetic Algorithms, Embedded systems using tools like MATLAB, Octave, Scilab, PSPICE, LabVIEW, Xilinx ISE.

### ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering was started in the year 1986 offers B-Tech Degree in Electronics & Communication Engineering. It has highly qualified faculty committed to research work, well equipped laboratories and an excellent library.

### ABOUT THE COLLEGE

Government College of Engineering, Kannur established in the year 1986 is the premier technical institute in north Kerala. Within a short span of time, the college has achieved notable academic excellence. Situated in a sprawling 68 acres of campus, the college offers 5 UG programmes. With the state-of-the-art infrastructure, well-equipped laboratories, excellent library, and beautiful landscape, the institute always remains lively with full of consultancy, co-curricular and extra-curricular activities. The college celebrates its Silver Jubilee in the year 2010-11. The college is situated 16 kms away from the railway station, Kannur towards north on NH17.

### ADDRESS FOR CORRESPONDENCE

**Prof. Dinesh Babu M,  
The Co-ordinator,  
SDP on "System Simulation Tools"  
Department of Electronics & Commn. Engg.  
Govt. College of Engg., Kannur 670563, Kerala  
Phone: 09746528181, 09446126125**

### Registration Form

**Govt. College of Engineering, Kannur**

AICTE Sponsored

Staff Development Programme

On

**System Simulation Tools**

**17<sup>th</sup> - 29<sup>th</sup> May 2010**

1. Name :
2. Gender : M / F
3. Organization :
4. Designation :
5. Educational Qualifications :
6. Area of specialization :
7. Address :
  
8. Cell Phone Number :
9. E-mail :
- 10 Experience  
    Research :  
    Teaching :  
    Industry :  
11. Do you need accommodation : yes/no
12. DD No: .....Date.....  
    Bank: .....Branch.....

### DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If I am selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the course.

Signature of the applicant

Place:

Date:

### SPONSORSHIP CERTIFICATE

This is to certify that Mr./Ms.....of ..... Department is being sponsored for attending the Staff Development Programme on System Simulation Tools at Govt. College of Engg., Kannur. Mr./Ms..... has been authorized to attend all sessions of the course during the period from 17<sup>th</sup> to 29<sup>th</sup> May 2010, if selected. The College is approved by AICTE.

Date: Signature of Sponsoring Authority  
(Official Seal)

### WHO CAN APPLY

Faculty of ECE / EEE / CSE / IT / E&I departments of AICTE approved Engineering college are eligible to apply.

### HOW TO APPLY

Applications duly filled, in the prescribed format should reach the coordinator on or before **28<sup>th</sup> April 2010** along with a **demand draft for Rs.500/-** drawn in favour of **"The co-ordinator, SDP"** payable at **SBI, Kannur**, which is refundable on successful completion of the course. The selected participants will be intimated before **4<sup>th</sup> May 2010 (through email)**. The confirmation of participation should be intimated to the coordinator latest by **9<sup>th</sup> May 2010**.

### REGISTRATION FEE

✓ No course fee is charged for the participants sponsored by the AICTE approved Engineering Colleges.

All participants will be paid travelling allowance as per rules on production of originals of to and fro tickets.

**Co-ordinator: Prof. Dinesh Babu M.  
09746528181**

**Co co-ordinator: Prof. Celine Mary Stuart  
09446126125**

### Staff Development Programme

on

### SYSTEM SIMULATION TOOLS

**17-5-2010 to 29-5-2010**

**Sponsored by**

**AICTE**

**Co-ordinator  
Dinesh Babu M.**

**Co co-ordinator  
Celine Mary Stuart**



**Organized by**

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Electronics & Communication  
Engineering**

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Kerala**

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