

Six Day Faculty Development Program

Probability Theory and Stochastic Processes – Engineering Applications

Registration form

Name:
Designation: Department:
Name of the Institute:
Address:
Phone No:
Mobile No:
Email ID:
Date:
Amount:
Signature:

Chief Patron
Sri. K. Krishna Rao, Correspondent

Patron
Dr. Satyaprasad Lanka, Principal

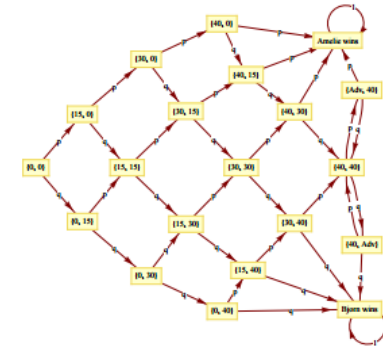
Resource Persons
Prominent faculty from Osmania
University and other Universities
Internal Faculty from Stanley College

Coordinators
Prof. A Gopala Sharma, HoD, ECE
Udayini Chandana, Asst. Prof., ECE

Six Day Faculty Development Program

Probability Theory and Stochastic Processes – Engineering Applications

From
19 Dec 2015 to 24 Dec, 2015
Timings: 9:00 am - 4:00 pm



Coordinators
Prof. A Gopala Sharma, HOD ECE
Udayini Chandana, Asst. Prof., ECE

Organized by
Department of Electronics and
Communication Engineering
Website: www.stanley.edu.in

Stanley College of Engineering and Technology
for Women, Abids Hyderabad-500001

ABOUT THE COLLEGE

Stanley College of Engineering and Technology for Women - a temple of learning, a subsidiary of Indur Educational Society - was established in the year 2008 on a sprawling 6-acre campus of historic Stanley College campus at Abids, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition with a smile on the face and emerge victorious. Stanley College of Engineering and Technology for Women has been established with the support of Methodist Church of India that has been gracious and instrumental in making the vision of an Engineering College on this campus a reality.

The College is affiliated to the Osmania University, Hyderabad. It has been approved by AICTE, New Delhi and the Government of Telangana. It has been sanctioned four UG-courses – Electrical and Electronics Engineering, Computer Science Engineering, Electronics and Communication Engineering, Information Technology and the PG courses – M Tech in Embedded Systems and MBA.

ABOUT THE COURSE

Probability theory is a fundamental pillar of modern mathematics with relations to other mathematical areas like algebra, topology, analysis, geometry or dynamical systems. The field of stochastic processes is essentially a branch of probability theory, treating probabilistic models that evolve in time. The objective of this course is to provide a foundation in the theory and applications of probability and stochastic processes and an understanding of the mathematical techniques relating to random processes in the areas of signal processing, detection, estimation, and communication, without the rigor of mathematics.

The course would be beneficial to faculty/PG students/Research Scholars and is being conducted keeping in focus the newly introduced course for the 2nd year ECE.

PRE-REQUISITES

- Basics of Mathematics (Set Theory and Probability)
- Basics of Signal Processing

COURSE CONTENT

- Different types of random variables and their density and distribution functions
- Functions of one random variable
- Functions of two random variables
- Sequences of random variables & Random numbers
- Stochastic Processes

Venue: Block ‘E’ – IT Seminar Hall

CONTACT

1. **Prof. A Gopala Sharma, HoD, ECE**
2. **Mrs. Udayini Chandana-9885000969**
cudayini@stanley.edu.in

REGISTRATION FEE DETAILS

ISTE/IETE/IEEE members – Rs. 1000
Non-members – Rs. 1200

- All the participants are requested to send in a scanned copy of the filled Registration Form and a Demand Draft drawn in favour of “Principal, Stanley College of Engineering and Technology for Women”, payable at Hyderabad, to the email address below.
- Members should also send a scanned copy of their membership card to the email address specified.
- Spot Registration is acceptable with a **prior** confirmation email sent to:
cudayini@stanley.edu.in

Registration fee includes registration kit