



TWO-DAY  
 INTERNATIONAL WORKSHOP  
 ON

**“APPLICATIONS OF  
 STOCHASTIC PROCESSES”**

16<sup>th</sup> & 17<sup>th</sup> January - 2024



CREATING TECHNOLOGY  
 LEADERS OF TOMORROW  
 ESTD 2002

Organized By  
**DEPARTMENT OF BASIC SCIENCE AND HUMANITIES**



**PROGRAMME**  
 17.01.2024 WEDNESDAY

09.30AM-11.00 AM : Session 1  
 Speaker : Prof. Dr. Agassi Melikov  
 Keynote Address

11.15 AM -12.30 PM : Session 2  
 Speaker : Dr. Gopakumar B  
 “Applications of Markov Chains”

01.30 PM -02.30 PM : Session 3  
 Speaker : Dr. Sandhya E.  
 “An Introduction to Inventory  
 /Production Inventory Queuing Models”

2.30 PM : Valedictory Function (Chief Guest)  
 Prof. Dr. Masakiyo Miyazawa

**Organizing Committee**

Chief Patron : Rev. Msgr. Jose Konnikkara  
 Manager, JEC

Patrons : Rev. Fr. Thomas Kakkassery  
 Executive Manager, JEC  
 : Rev. Fr. Dr. Jose Kannampuzha  
 Academic Director, JEC

Organizing Chairman : Dr. Jose P. Therattil  
 Principal, JEC

Coordinator : Dr. Sandhya E.  
 Assistant Professor, Dept. of BSH

Joint Coordinator : Ms. Suganthi T.  
 Assistant Professor, Dept. of BSH

**Registration Details**

- \* Participants are eligible for duty leave
- \* Refreshments and Lunch will be provided
- \* Accommodation will be arranged on payment



**Registration Fee**

- \* Faculty Members/Industrialist: Rs 300
- \* Research Scholars/ Research Aspirants & PG Students: Rs 200



**For More Details**

**Dr. Sandhya E. , Coordinator**

**Ph: 9447087737**

## Invitation

Sir/Madam,

The Basic Science and Humanities department of Jyothi Engineering College organizes a Two-day International Workshop on "Applications of Stochastic Processes" on 16th and 17th January 2024. We solicit esteemed presence and active participation of the faculty, research scholars and students from your institution.

With warm regards,  
Dr. Jose. P. Therattil  
Principal

Dr. Sandhya E  
Co - ordinator

Mrs. Renju Francis  
Head of Department

## About Workshop

This workshop aims at unveiling the basics of Stochastic Processes and its applications. This program offers a forum to interact with professionals in related subjects. We make an effort to integrate faculties and research scholars, encouraging them to conduct studies in the cutting edge fields of Stochastic processes.

## About Jyothi

Jyothi Engineering College (JEC), set up in 2002, under the aegis of Trichur Educational Trust, founded by the Catholic Archdiocese of Trichur, is one of the leading engineering colleges in Kerala. This college is affiliated to Kerala Technological University and offers various BTech, MTech, PhD programmes in Engineering and Technology. Jyothi Engineering College is a NAAC re-accredited institution with Grade 'A'. Five of the undergraduate programs offered by Jyothi Engineering College have NBA accreditation, which indicates that we are well recognized for the quality of education we offer.

## Vision

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

## Mission

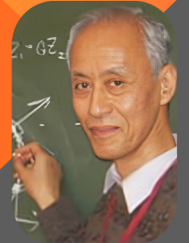
To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of- the-art facilities.  
To equip the students with appropriate skills for a meaningful career in the global scenario.  
To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.  
To participate in the development of society through technology incubation, entrepreneurship and industry interaction.

## About BSH Department

The Basic Science and Humanities department of JECC started functioning right from the inception of the college in the year 2002. The department is equipped with efficient, eminent and experienced faculty who have served in renowned institutions in India and abroad. The professional efficacy of a technocrat depends on the subtle integration of positive personality traits (Soft Skills) and technical expertise (Hard Skills). The Department of Basic Science and Humanities being the foundation of engineering is responsible for strengthening the very first understanding of the engineering profession that binds subjects of universal application such as English, Mathematics, Physics, Chemistry, Economics and Management Sciences. Unless strongly grounded in the fundamentals of pure Sciences and theories no technocrat will ever develop innovative thinking and application efficiency in the professional domain. The department of Basic Science and Humanities in Jyothi Engineering College is geared up to accomplish these twin goals of modern professional excellence.



Keynote Address  
Prof. Dr. Agassi Melikov  
Vice-Rector for Scientific Affairs,  
Baku Engineering University  
Azerbaijan



Chief Guest Valedictory Session  
Prof. Dr. Masakiyo Miyazawa  
Tokyo University of Science  
Japan.

## OUR INVITED SPEAKERS INCLUDE



Prof. Dr. Viswanath  
C. Narayanan  
Government Engineering  
College, Thrissur



Dr. K. P. Jose  
Associate Professor & HoD  
St. Peter's College,  
Kolenchery



Dr. Gopakumar B  
Associate Professor,  
Maharaja's Technological  
Institute, Thrissur

## PROGRAMME 16.01.2024 TUESDAY

09.00 AM	: Registration
09.30AM	: Inaugural session (Chief Guest) Prof. Dr. Viswanath C. Narayanan
10.00 AM-11.15 AM	: Session 1 Speaker : Prof. Dr. Viswanath C. Narayanan "Google Page Rank Algorithm"
11.30 AM -12.30 PM	: Session 2 Speaker : Prof. Dr. Viswanath C. Narayanan "Birth Death Process"
1.30 AM-3.30 PM	: Session 3 Speaker : Dr. K. P. Jose "Stochastic Process & Inventory Models"