

# SREEKANTH V K

Assistant Professor, National Institute of Technology Calicut, India, 673601

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## OBJECTIVE

I am looking for a career where I can learn further, and share my trans-disciplinary research and industrial experience to create value.

## EDUCATION

Doctor of Philosophy

Indian Institute of Technology Kharagpur

July 2012 – May 2019 West Bengal, India

**Thesis Title: Improving Ambulance Deployment and Dispatching Decisions in Emergency Medical Services**

Thesis supervisor: Dr. Ram Babu Roy, Rajendra Mishra School of Engineering Entrepreneurship, Indian Institute of Technology Kharagpur

Master of Technology in Systems Analysis and Computer Applications

National Institute of Technology Karnataka

2010 – 2012 Karnataka, India First Class(CGPA: 8.97/10)

**Project: A Study on Target Set Selection Problem**

Project Supervisors: Dr. D. Sukumar, National Institute of Technology Karnataka, Suratkal, India (currently associated with Indian Institute of Technology Hyderabad) and Dr. Suresh P., Infosys Limited, Mysuru, India

Bachelor of Technology in Electrical and Electronics Engineering

Mahatma Gandhi University

2002 – 2006 Kerala, India First Class(Percentage: 74.44)

Higher Secondary Examination (Class XII )

Board of Higher Secondary Examination, Kerala

2000 – 2002 Kerala, India First Class(Percentage: 74.00)

Secondary School Leaving Certificate (SSLC)

Board of Public Examinations, Kerala

2000 Kerala, India First Class(Percentage: 82.50)

## JOURNAL PUBLICATIONS

- Sreekanth V K, Ram Babu Roy (2017), "Equity-Constrained Dispatching Models for Emergency Medical Services", Team Performance Management, Volume 23, Issue 1/2

## BOOKS AND BOOK CHAPTERS

- Ram Babu Roy, Paul Lillrank, Sreekanth V. K., Paulus Torkki (2019), "Designing Service Machines: Translating Principles of System Science to Service Design". Translational Systems Sciences Series, Volume 15, Edition 1, Springer Singapore.
- Sreekanth V K, Ram Babu Roy (2016), "Predicting Emergency Medical Service Demand Using Time Series Modeling", Chapter 7, Trends in Operations Management: Perspectives and Challenges, Bhimaraya Metri, A. K. Singh (eds.), Excel India Publishers, New Delhi, pp. 57 - 68

## COURSES

Boosting Informed Decision 2025

TAPMI-Max Planck Winter School

February 2025 India

AI, Big Data, and Biomedical Technologies in Healthcare

International Honors Program

December 2017 Taiwan

Innovation, Disruption, And Exponential Development In Medical Technologies

Micro-credit

Spring 2017-18 India

Healthcare Operations and Innovation

Global Initiative of Academic Networks (GIAN)

Summer 2016 India

Mapping Creativity

International Summer/Winter Term (ISWT)

Summer 2015 India

Asset Management Engineering

International Summer/Winter Term (ISWT)

Summer 2014 India

Big Data Analytics

International Summer/Winter Term (ISWT)

Summer 2014 India

Coursera

The Data Scientist's Toolbox

Getting and Cleaning Data

R Programming

Exploratory Data Analysis

Grammar and Punctuation

Model Thinking

Attended at Udacity

Introduction to Machine Learning

Others

Power Searching with Google

## CONFERENCES/PRESENTATIONS

- Sreekanth V K, Vignesh Vimbi, Sidharth J "Customer and Service Provider Perception on Recommendation Systems in Food Delivery Applications", International Conference On "Interdisciplinary Research in Technology and Management" (IRTM), December 5-7, 2024, NIT Calicut, India
- Sreekanth V K, Meghna Bhagianath "Factors Influencing Consumer Buying Behavior While Using Cashless Economy", International Conference On "Interdisciplinary Research in Technology and Management" (IRTM), December 5-7, 2024, NIT Calicut, India
- Sreekanth V K, "Bridging Services Gaps in EdTech Business", International Conference of Interdisciplinary Dialogues (ICID) 2024, August 10-12, 2024, Kochi
- Hari Shankar Venkatasubramanian, Sreekanth V K "A Framework for Wisdom Development to cultivate Thought and Transformation Leadership for Enterprise Value", International Conference of Interdisciplinary Dialogues (ICID) 2024, August 10-12, 2024, Kochi
- Aniket Topendra Pardhi, Sreekanth V K "Integrated Passenger Freight Transportation Model in Metro Trains", ICMR 2023, November 16-18, 2023, IIT Madras, India
- Sreekanth V K, Amal S Kumar, "Fake News Propagation: A Social Network Analysis", ISDSI Global 2022, December 27-29, 2022, Bengaluru, India
- Sreekanth V K, Ram Babu Roy, "Spatio-Temporal Demand Patterns for Emergency Medical Services", International Conference on the Networked Digital Earth (ICNDE), March 07-09, 2018, Kharagpur, India
- Sreekanth V K, Ram Babu Roy, Paul M. Lillrank, "Configuring Service Production Function for Emergency Medical Services", INFORMS Healthcare 2017, July 26-28, 2017, Rotterdam, Netherlands
- Sreekanth V K, Ram Babu Roy, Paul M. Lillrank, "Designing Service Machine For Emergency Medical Services", INFORMS Annual Meeting 2016, November 13-16, 2016 at Nashville, TN, USA.
- Sreekanth V K, Ram Babu Roy, "Modeling Demand Patterns of Emergency Medical Services in Rajasthan", International Conference on Systems in Medicine and Biology (ICSMB) 2016, January 04-07, 2016 at Indian Institute of Technology Kharagpur, India.
- Sreekanth V K, Ram Babu Roy, "Predicting Emergency Medical Service Demand Using Time Series Modeling", Indian Subcontinent Decision Science Institute (ISDSI) International Conference, January 02-04, 2016 at Goa, India.
- Sreekanth V K, Ram Babu Roy, "Equity-Constrained Dispatching Models for Emergency Medical Services", The Society for the Study of Artificial Intelligence and Simulation of Behaviour (AISB) Workshop on 'Agent-Based Models of Bounded Rationality' May 07-08, 2015 at the University of Southern Denmark, Slagelse, Denmark.
- Sreekanth V K, Ram Babu Roy, "Modelling Accident Blackspots in Rajasthan for Designing Ambulatory Care Network", International Conference on Business Analytics and Intelligence (ICBAI), December 18-20, 2014 at Indian Institute of Science, Bengaluru, India

## EXPERIENCE

National Institute of Technology Calicut [October 2022– till date]

**Assistant Professor, Department of Management Studies**

📅 October 2022 – till date

📍 Kozhikode, Kerala, India

- Faculty Member in Business Analytics and Systems Domain
- Part of Centre of Excellence in Logistics and Supply Chain and its activities.
- Part of Coordinating team of recipeint Phase I of Center of Excellence in AI for sustainable cities under AICoE project - SAMUDRA under Ministry of Education.
- Teaching Courses to Master of Business Administration (MBA) and B Tech students
- Guiding MBA students on Business Research Projects

## ATTENDED WORKSHOPS/SYMPOSIUMS

**Case Writing Mastery: Crafting Engaging and Impactful Management Narratives**

📅 December 2024

**Information Systems Curriculum and Pedagogy Workshop**

📅 September 2024

**Entrepreneurship Promotion**

📅 October 2017

**Introduction to Python**

📅 August 2017

**Engineering Green Innovation and Entrepreneurship**

📅 March 2017

**Sustainable Development: From Principles to Implementation**

📅 May 2016

**Ethics in Clinical Research – Good Clinical Practice**

📅 June 2015

**Social Networks**

📅 February 2012

## PROUD MOMENTS

🏆 **Best Paper based on the Reviewer Comments**

Co-author of the paper - Customer and Service Provider Perception on Recommendation Systems in Food Delivery Applications presented at IRTM 2024

💓 **Member of TechMedicos**

A four member team, selected as one of the top 7 Windows mobile app developing team in Appathon '12 organized by Entrepreneurship Cell in collaboration with Microsoft at Indian Institute of Technology Kharagpur.

🌟 **First Runnerup**

Open System Quiz Competition conducted by Education & Research, Infosys Limited, Bengaluru

🏆 **Best Indian Trainee**

Open Systems Stream – March 2007 Batch at Infosys Limited, Mysuru

Infosys Limited, Mysuru [May 2021 – October 2022]

### Specialist-Learning, Education, Training, and Assessment

📅 May 2021 – October 2022      📍 Mysuru, India

- Trainer in Cloud Infrastructure Services Domain
- Completed Azure, ITIL, and SRE foundation certifications
- Part of Infosys Thought Leadership Initiative

National Institute of Technology Calicut [July 2019 – May 2021]

### Ad-hoc Faculty, Department of Management Studies

📅 July 2019 – May 2021      📍 Kozhikode, Kerala, India

- Faculty Member in Business Analytics and Systems Domain
- Teaching Courses to Master of Business Administration (MBA) students
- Guiding MBA students on Business Research Projects
- Organizing Workshops and Events in the department
- Part of coordination team of Tarang, the management festival of the department

Infosys Limited [March 2007 – July 2012]

### Software Engineer Trainee, Open Systems Stream

📅 March 2007 – July 2007      📍 Mysuru, Karnataka, India

### Developer, Banking & Capital Market

📅 August 2007 – December 2009      📍 Bengaluru, Karnataka, India

🔗 **Bank of America, Project - BOA HAWKM, New York, USA**  
BOA HAWKM is associated with Bank's Equity Financial Products (EFP) team of Bank of America

As a Software(System) Engineer (August 2007 – April 2009):

- Software engineering activities
- Knowledge management

As a Senior Systems Engineer (May 2009 – December 2009):

- Software engineering activities
- Guide the team-mates in understanding the requirements and technology
- Team management
- Knowledge Management and Mentoring

### Educator, Education & Research

📅 January 2010 – July 2012      📍 Mysuru, Karnataka, India

🔗 **Open Systems Stream Mysore**  
Open Systems Stream was focusing on leveraging software development using various open source software

As a Senior Associate (January 2010– April 2010):

- Ensure effective course delivery and accurate assessment of the participants' capabilities.
- Develop / Improve courses
- Monitoring and evaluating the performance of trainees
- Manage a batch of trainees as a batch owner.
- Team management

As a Member (April 2010 – July 2012)[Apart from the tasks as a Senior Associate]:

- As a Consultant.
- As a file server administrator.
- Conducting research and disseminating the research results.
- Mentoring and guiding the team members
- Mentoring the interns on academic projects
- Team Management

## TEACHING ASSISTANCE

### Finance and Legal Aspects of Entrepreneurship

📅 Autumn 2012-13

### Engineering Business Plan

📅 Autumn 2014-15, 2015-16

### Manufacturing Management

📅 Spring 2014-15

### Healthcare Analytics

📅 Spring 2015-16, 2016-17

## PARTICIPATION

### 💖 Member of Block Innovation Cluster (BIC)

Member of Block Innovation Cluster (BIC) Kunnamangalam Block Panchayath - an initiative by KILA and K-DISC

### 🌟 Participated in Swadeshi Science Congress

Participated and Presented a paper at Swadeshi Science Congress in 2023

### 💖 Participated in Health Hack

A part of HealthTech 2018 organized by The Bengal Chamber of Commerce and Industry at Kolkata during March 08-11, 2018

## SKILLS

Python, NetLogo, R, Julia	●●●●●
(Used for analysis and simulation during doctoral research)	
Perl, Shell Scripting	●●●●●
C++, C, Java	●●●●●
TSQL, SQL/PL-SQL	●●●●●
Spring Framework	●●●●●
Hadoop, Spark	●●●●●
Hive, PIG	●●●●●
MongoDB, Nodejs	●●●●●
CVS, SVN, GIT	●●●●●
Site Reliability Engineering	●●●●●
ITIL 4	●●●●●
Autosys	●●●●●
HTML5, PHP	●●●●●
Cloud - Azure	●●●●●

### Databases

Sybase    Oracle    MySQL/MariaDB

### Operating Systems

GNU/Linux    Windows

## EVENTS ORGANIZED

International Conference on Logistics, Supply Chain, and Transportation (ICLST) 2024

Organizing Team Member

National Institute of Technology Calicut, India

International Conference on Precision Meso, Micro, and Nano Engineering (COPEN) 13

Organizing Team Member

National Institute of Technology Calicut, India

Insight - Research Scholars' Day of Rajendra Mishra School of Engineering Entrepreneurship

Key Member

Indian Institute of Technology Kharagpur, India

## REFEREES

Dr. Ram Babu Roy

Associate Professor  
Rajendra Mishra School of Engineering Entrepreneurship  
Indian Institute of Technology Kharagpur, Kharagpur, India - 721302  
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Dr. Paul M Lillrank

Professor Emeritus  
Department of Industrial Engineering and Management  
Aalto University, School of Science, Espoo, Uusimaa, Finland  
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## DECLARATION

I certify that all information stated in this resume is true and complete to the best of my knowledge. I authorize you to verify the information provided in this resume.

SREEKANTH V K

## SPEAKER

Introduction to AI Tools for Research

December 04, 2024 FDP, INARF

AI and Business Intelligence

July 06, 2024 FIMS

AI Tools for Teaching & Research

May 03, 2024 FDP, FIMS

Artificial Intelligence in Dairy Value Chain

February 06, 2024 MRCMPU

Artificial Intelligence in Food Value Chain

January 23, 2024 IIFN 2024, MIT-WPU

Responsible AI: A Way Forward

December 14, 2023 ICASDM 23, Farook

Education as a Service

February 01, 2023 FDP, CCET Alappuzha

Gamification in Education

February 01, 2023 FDP, CCET Alappuzha

Artificial Intelligence: Transforming Business

November 02, 2019 Tarang 2019, NITC

## MEMBER

INFORMS IEEE  
Free Software Foundation

## PERSONAL PROFILE

Nationality: Indian  
Date of birth: 20 - August - 1984  
Marital Status: Married  
Languages (Read, Write, & Speak):  
Malayalam Hindi English