



Dr. V. Ananthan is an associate professor and the head of the mathematics department of the School of Arts and Sciences, a component of the Vinayaka Mission's Research Foundation (Deemed to be University), located at the AV Campus in Changalpalu District, Palyanoor, 603104. He has been a teacher for more than 24 years, both in UG and PG courses. In the year 2021, the Tamil Educational Site for Indian Students and Paramathiveer, Kaviyasar Katal Tamil Sangam presented him with the "Best Social Service Award" from Malaysia. He has delivered a number of papers at national and international conferences in India and published more than 18 papers in well-known journals both at home and abroad. In numerous Tamilnadu institutions, he has delivered intellectual lectures. In 2022, he also published "Discrete Mathematics" as a book.



Dr. V. Lakshmi Narayana working as an Associate Professor in the Department of Mathematics, Vardhaman College of Engineering and Technology, Hyderabad, Telangana State, India. He has 21 years of opulent experience in Teaching and has published several papers in international & national journals. He has completed M.Sc. from Nagarjuna University, M.Phil and Ph.D from Annamalai University.



Dr. A. Saberunnisa comes from a statistical background. She is a postgraduate in Statistics from Bharathiar University. She has completed a Ph.D. thesis on: On Some Stochastic Models for Time to get AIDS after HIV infection. She received the Best Woman Scientist Award from the Novel Research Academy during 2020-21. Presently, she is working as an Assistant Professor in the Department of statistics, The Madura College, Madurai. She has a strong educational background and extensive teaching experience in subjects, including Operational Research, Statistical Estimation Theory, Testing of Statistical Hypothesis, Linear Models and Design of Experiments, Biostatistics and survival analysis, and many more.



Dr. Swathi Yandamuri is a seasoned mathematician with an impressive career spanning eight years, characterized by academic excellence and an unwavering commitment to her field. In her current capacity as an Associate Professor at the Welfare Institute of Science Technology & Management, Her dedication towards mathematics research is underscored by her notable contributions, including publishing two significant papers in esteemed journals. As a life member of the Cryptology Research Society of India, she remains at the forefront of the field's latest advancements. Dr. Yandamuri's overarching mission is to enrich the discipline of mathematics through both research and teaching. Her appointment as an Assistant Professor of Mathematics by Andhra University in November 2019 serves as a testament to her exceptional contributions to academia. Throughout her illustrious career, Dr. Yandamuri has held pivotal roles, including that of a Research Guide at the AU Transdisciplinary Research Hub. Dr. Swathi Yandamuri remains committed to excellence, eagerly welcoming valuable insights and recommendations from her esteemed peers and readers to enhance the quality of her research further. Her ultimate aspiration is that her work continues to meet the evolving needs of those who are seeking mathematical knowledge.

**Dr. V. Ananthan, Dr. V. Lakshmi Narayana
Dr. A. Saberunnisa, Dr. Swathi Yandamuri**

Queueing Theory



A Text Book of

Queueing Theory

**Dr. V. Ananthan
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Dr. Swathi Yandamuri**

