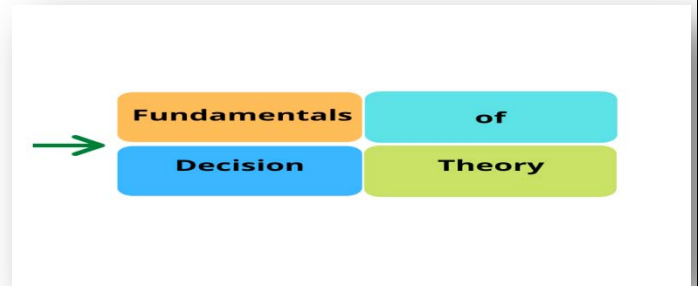


Webinar on Fundamentals of Decision Theory

Expert Speaker :- Dr Gautham Sekar,
Founder & President, Madras Fintech
Services Pvt. Ltd, Guest Faculty, BITS Pilani
(Work Integrated Learning Programmes),
Visiting Faculty, Madras School of
Economics



Webinar Date: Wednesday, 16th September 2020 |3:00PM

Webinar Fee: 300/-(All Inclusive)

About Webinar: - Decision theory is an analytic and systematic approach to the study of decision making. It is an interdisciplinary subject that is of considerable interest to economists, social scientists, data scientists, psychologists and computer scientists, to name a few. Participants of this webinar will learn the fundamentals of decision making, particularly about the basic steps involved in decision making and the criteria for decision making under non-deterministic and probabilistic uncertainties. The talk can be attended by theoreticians and practitioners alike. No prior knowledge of decision theory is required.

Webinar Coverage:-

- 1) Steps in decision making
- 2) Decision making environments
- 3) Decision making under non-deterministic uncertainty
 - a) Maximax
 - b) Maximin
 - c) Laplace
 - d) Hurwicz
 - e) Minimax Regret
- 4) Decision making under probabilistic uncertainty
 - a) Expected monetary value
 - b) Expected value of perfect information

Speaker Profile:-



Dr Gautham Sekar holds a B.E.(Hons.) in Electronics & Instrumentation Engineering, an M.Sc.(Hons.) in Physics from BITS Pilani and a PhD in the area of Cryptology from the KU Leuven (Belgium) and has worked in various capacities at leading academic institutions such as the National University of Singapore, the Indian Statistical Institute and the Institute of Mathematical Sciences (Chennai). He has (co-)authored 18 peer-reviewed publications (with several appearing in top venues such as Fast Software Encryption, CT-RSA, Information Security Conference and the Journal of Mathematical Cryptology) and has served on the programme committee of Security Standardisation Research 2015. Aside from lecturing at intensive courses on Cryptology and Computer Security, he has taught Probability Theory at the University of Madras and Introduction to Statistical Methods at BITS Pilani (for their Off-Campus M.Tech. in Data Science & Engineering), has co-taught Probability and Stochastic Processes & Programming and Data Structures at the Master's level at the Indian Statistical Institute. Presently, in addition to developing his recently founded fintech company, Madras Fintech Services Pvt. Ltd, Dr Sekar also serves as a Visiting Faculty at the Madras School of Economics where he co-teaches Advanced Analytical Models for Decision Making. Dr Gautham Sekar is a recipient of the Dr. Ranjit Singh Chauhan Undergraduate Research Award. A secure implementation of a 3GPP encryption Standard that he co-developed has been included in the LTE / 4G wireless standards.

Register to learn:

- Steps in decision making
- Decision making under non-deterministic uncertainty
- Decision making under probabilistic uncertainty

Regards

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