

Dr. Yamini S.

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BRIEF SUMMARY

Dr. Yamini is a faculty of Operations and Analytics at the Department of Management Studies, National Institute of Technology Tiruchirappalli (NITT). Before joining NITT, she worked at the Indian Institute of Management Tiruchirappalli (IIMT) for three years as a faculty in the Operations Management and Decision Sciences area. Yamini holds a Ph.D. and an M.S. (by research) degree from the Department of Management Studies, Indian Institute of Technology Madras (IITM). She is a graduate of the College of Engineering Guindy, Anna University Chennai, where she obtained her bachelor's degree in Industrial Engineering. She has also worked for Cognizant Technology Solutions - Chennai.

She is a consistent performer with distinction throughout her graduation and has published papers in many reputed international journals. She has also presented her research papers in various leading international conferences of repute and has received several commendable awards. She has done projects for industries and has also undergone internships in industries such as the Indian Oil Corporation Limited (Chennai), Rane Brakes & Linings Limited (Chennai) and Integral Coach Factory (Chennai). She is a member of the Production and Operations Management Society (USA), EURO Working Group on Ethics & OR, Operations Research Society of India and Society of Operations Management.

ACADEMIC QUALIFICATION

Degree	Institution
Ph.D. (Operations Management)	Indian Institute of Technology Madras, Chennai
M.S. (by Research in Operations Management)	Indian Institute of Technology Madras, Chennai
B.E. (Industrial Engineering)	College of Engineering Guindy, Anna University, Chennai

PROFESSIONAL EXPERIENCE

Duration	Organization
Mar 2020 – Present	Assistant Professor, Operations and Analytics, Department of Management Studies, National Institute of Technology Tiruchirappalli
Feb 2017 – Jan 2020	Assistant Professor, Operations Management and Decision Sciences, Indian Institute of Management Tiruchirappalli
Aug 2010 – Jul 2011	Programmer Analyst, Cognizant Technology Solutions, Chennai

AWARDS AND RECOGNITIONS

- Ph.D. research work received the “**Highly Commended Outstanding Doctoral Research Award 2018**” by Emerald Publishers and EFMD (European Foundation for Management Development)
- Received the “**Emerging Economies Doctoral Student Award**” in the 27th Annual International Conference of the Production and Operations Management Society held at Orlando, USA during May 2016
- Received the “**Highly Commended Paper Award**” by **Emerald Publishers** in the 19th Annual International Conference of the Society of Operations Management held at IIM Calcutta, India during December 2015
- Master’s Thesis was selected as one of the three finalists for the “**EthOR Award**” by the EURO Working Group on Ethics and OR in the 26th EURO-INFORMS Joint International Conference held at Rome, Italy during July 2013
- Received the “**Best Paper Award**” in the Doctorial Consortium of the 16th Annual International Conference of the Society of Operations Management held at IIT Delhi, India during December 2012
- Invited as a **Guest Speaker** to talk on “*How game theory is helpful in behavioural operations*” in the National Mathematics Initiative Workshop and Conference on Game Theory and Optimisation held at IIT Madras, Chennai during June 2016
- Recipient of **Half-time Teaching and Research Assistantship** awarded by MHRD during M.S. and Ph.D.
- Received **First graduate Scholarship** from the Government of Tamil Nadu

TEACHING INTERESTS

- Operations Research
- Operations Management
- Service Operations Management
- Game Theory and Applications
- Supply Chain Management
- Behavioural Dynamics in Decision Making
- Stochastic Modelling and Applications

RESEARCH INTERESTS

- Supply Chain Management
- Applications of Operations Research
- Contracts, Mechanism Design and Game Theory
- Cognitive biases influencing decision-making
- Behavioural Operations and Behavioural Economics

PUBLICATIONS IN INTERNATIONAL JOURNALS

- **Yamini, S.** (2020). Supply chain contracts with price and effort dependent demand. *International Journal of Services and Operations Management*, Accepted for Publication. (Listed in **CABS Academic Journal Guide**).
- **Yamini, S.** (2020). Behavioral perspective of newsvendor ordering decisions: review, analysis and insights. *Management Decision*, Available online. (Listed under ‘**B**’ category in **ABDC Journal Ranking**).
- **Yamini, S.** (2019). A Literature review on the anomalies observed in the newsvendor ordering decisions. *International Journal of Enterprise Network Management*, Accepted for Publication. (Listed under ‘**B**’ category in **ABDC Journal Ranking**).

- **Yamini, S.,** and Marathe, R. R. (2018). Mathematical model to mitigate planning fallacy and to determine realistic delivery time. *IIMB management review*, 30(3), 242-257. (Listed under '**B**' category in ABDC Journal Ranking).

PAPER PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. **Yamini, S.** (2019). Behavioral aspects of inventory decision-making, *10th POMS-HK International Conference*, City University of Hong Kong, Hong Kong.
2. **Yamini, S.** (2019). Why stakeholders prefer performance based contracting?, *10th POMS-HK International Conference*, City University of Hong Kong, Hong Kong.
3. **Yamini, S.** (2018). How manufacturers can keep up with retailers while making inventory decisions?, *22nd Annual International Conference of the Society of Operations Management*, IIM Kozhikode, India.
4. **Yamini, S.** (2017). Effect of returns policy in a duopolistic competition, *11th Indian Subcontinent Decision Sciences Institute International Conference*, IIM Tiruchirappalli, India.
5. **Yamini, S.** (2017). Influence of returns policy on supply chain coordination, *11th Indian Subcontinent Decision Sciences Institute International Conference*, IIM Tiruchirappalli, India.
6. **Yamini, S.,** and Rahul R. Marathe (2017). Mechanism design to mitigate the information asymmetry in a construction project, *21st Annual International Conference of the Society of Operations Management*, Ahmedabad University, India.
7. **Yamini, S.,** Sundara Natarajan and Rahul R. Marathe (2016). A deterministic and probabilistic approach of intertemporal choices of individuals, *20th Annual International Conference of the Society of Operations Management*, IIITM Gwalior, India.
8. **Yamini, S.,** Sundara Natarajan and Rahul R. Marathe (2016). An experimental analysis of inter-temporal choices of individuals, *SPJIMR - POMS India Chapter Conference on Big Data Analytics for Optimising Supply chains*, Mumbai, India.
9. **Yamini, S.,** and Rahul R. Marathe (2016). Mathematical model to mitigate planning fallacy and to determine realistic estimate of time, *27th Annual International Conference of the Production and Operations Management*, Orlando, USA.
10. **Yamini, S.,** and Rahul R. Marathe (2015). Mathematical model to mitigate planning fallacy and to determine realistic estimate of time, *19th Annual International Conference of the Society of Operations Management*, IIM Calcutta, India.
11. **Yamini, S.,** and Rahul R. Marathe (2015). Economic view of planning fallacy to determine realistic delivery time, *26th Annual International Conference of the Production and Operations Management*, Washington, USA.
12. **Yamini, S.,** and Rahul R. Marathe (2015). Hidden Markov Model to identify the time preference of individuals, *26th Annual International Conference of the Production and Operations Management*, Washington, USA.
13. **Yamini, S.,** and Rahul R. Marathe (2014). Contract with agents having imperfect memory and time inconsistent preferences, *18th Annual International Conference of the Society of Operations Management*, IIT Roorkee, India.
14. **Yamini, S.,** and Rahul R. Marathe (2014). Hidden Markov Chain model for Procrastinators, *18th Annual International Conference of the Society of Operations Management*, IIT Roorkee, India.

15. **Yamini, S.**, Kavitha, C., and Arshinder Kaur (2013). Analysis of effort induced demand on returns policies with retail competition, *17th Annual International Conference of the Society of Operations Management*, IIT Madras, India.
16. **Yamini, S.**, and Rahul R. Marathe (2013). Optimal contracts in construction projects to mitigate information asymmetry, *26th EURO - INFORMS Joint International conference*, Sapienza University, Rome, Italy.
17. **Yamini, S.**, and Rahul R. Marathe (2013). A game theoretic framework to mitigate unethical behaviour in construction projects, *26th EURO - INFORMS Joint International conference*, Sapienza University, Rome, Italy.
18. **Yamini, S.**, and Rahul R. Marathe (2012). Value of information for perfect monitoring of the contractor while designing contract in the construction, *16th Annual International Conference of the Society of Operations Management*, IIT Delhi, India.
19. **Yamini, S.**, and Rahul R. Marathe (2012). Model for imperfect monitoring of contractor to reduce information asymmetry on the quality in construction, *16th Annual International Conference of the Society of Operations Management*, IIT Delhi, India.

MEMBERSHIP IN PROFESSIONAL BODIES

- Life-time member of the Society of Operations Management
- Life-time member of the Operations Research Society of India
- Member of the Production and Operations Management Society
- Member of the EURO Working Group on Ethics and OR