

Sundara Natarajan Panchanatham

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EDUCATION

Ph.D.	INSEAD, Technology and Operations Management	(expected 2023)
M.Sc.	INSEAD, M.Sc. in Management	(2019)
M.S.	Indian Institute of Technology (IIT), Madras, India, Distinction, GPA: 9.17/10	(2017)
B.Tech.	National Institute of Technology (NIT) Trichy, India, Major in Production and Industrial Engineering (2014), Distinction	(2014)

RESEARCH INTERESTS

Healthcare operations, Stem Cell Transplants, Shared Medical Appointments, Optimization, Discrete Event Simulation, Queuing Models, Sustainable Operations.

JOURNAL PUBLICATIONS

Panchanatham, S. N., Freeman, M., Groenevelt, H., & Hasija, S. (2022). Be the Match: Optimizing Capacity Allocation for Allogeneic Stem Cell Transplantation. *Manufacturing & Service Operations Management*. (<https://doi.org/10.1287/msom.2022.1093>)

- **Best Student Presentation** award at *Analytics for X 2021* conference by IORA, NUS
- **Semi-Finalist of Practice Prize** at the Centre for Business Analytics, Melbourne B-School

Vinodh, S., Patil, A., Sai Balagi, T. S., & Sundara Natarajan, P. (2014). AHP-PROMETHEE integrated approach for agile concept selection. *International Journal of Services and Operations Management*, 18(4), 449-467.

WORKING PAPER

Panchanatham, S. N., Groenevelt, H., & Hasija, S. One too many: Optimal inventory policies for cord blood bank management.

WORK IN PROGRESS

Panchanatham, S. N., E Yücesan. SHARING IN CARING: Analyzing shared medical appointments through an operations lens

SELECTED CONFERENCE PRESENTATIONS

“One too many: Optimal inventory policies for cord blood bank management”

- INFORMS Annual Meeting 2022 - **Job Market Paper (Session MC29, Oct. 17, 12:30 PM)**

“SHARING IN CARING: Analyzing shared medical appointments through an operations lens”

- INFORMS Annual Meeting 2022 (**Session SE12, Oct. 16, 05:00 PM, co-author presenting**)

“Be the Match: Optimizing Capacity Allocation for Allogeneic Stem Cell Transplantation.”

- INFORMS Annual Meeting 2021
- Analytics for X 2021 conference at IORA, NUS.
- INFORMS Healthcare 2021
- INFORMS Annual Meeting 2020

“Managing Dishonest Retailers in a Supply Chain” With S Srivatsa Srinivas and Rahul R. Marathe at IIT Madras

- POMS Annual Conference 2017 at Seattle, Washington
- POMS India Chapter Conference 2016 at Mumbai, India

“Forecasting temporal changes in biases” With Rahul R. Marathe at IIT Madras

- EURO 2016 conference at Poznan, Poland

GRANTS AND AWARDS

- Awarded **Best Student Presentation** Award at *Analytics for X 2021 conference by IORA, NUS*.
- **Semi-Finalist** of Practice Prize at the Centre for Business Analytics, Melbourne B-School
- Granted Half Time Research Assistantship (H.T.R.A.) by Government of India as *full Scholarship for Masters’ Degree* at IIT Madras.
- INSEAD full-time *PhD Scholarship* for the period 2017-2022.
- Secured **Bronze Medal** for my project “Gamification of Public Transport System” at the Global Initiatives Symposium 2015, Taipei, Taiwan.
- Secured National Rank of **183 (95th percentile)** in National Engineering Graduate Entrance Exam - GATE 2014.
- Placed in top **0.5%** and **3%** of the Central Board of Secondary Education (CBSE) - School Board Exams and National Engineering Undergraduate Entrance Exam, respectively.

TEACHING & ACADEMIC EXPERIENCE

- Data Science for Business - elective class for MBA, INSEAD (T.A.) (Spring 2021)
- Process and Operations Management (POM) - core class for MBA and MIM, INSEAD (T.A.) (Spring 2020 and Fall 2021)
- Business Model Innovation - elective class for MIM, INSEAD (T.A.) (Spring 2021)
- Analytics for Retail and Travel - elective class for MBA, INSEAD (T.A.) (Fall 2019)
- Math tutorials for PhD students, INSEAD (Instructor) (Fall 2018)
- Service Operations Management- elective class for MBA, IIT Madras (T.A.) (Spring 2016)

PROFESSIONAL EXPERIENCE

Academic Responsibility:

Initiated and Coordinated the first Intra-Department student research seminar series (2018-19)

Academic Projects during Internship:

- “*Strategic Hub Location and Tactical Network Design*” with Prof. Bodhibrata Nag at Indian Institute of Management (IIM), Calcutta (Winter 2013)
- “*Investigating Supply Network Design Across Sectors*” with Prof. Godwin Tennyson at Indian Institute of Management (IIM), Trichy, India (2012)

Industry Experience:

- Research Intern at Manipal Group of Hospitals, India (2017)
- Undergraduate Intern at Quality Assurance Dept., BMW, India (2013)
- Undergraduate Intern at Industrial Engineering Dept., Cooper Bussman, India (2012)
- Summer Intern at Hindustan Aeronautical Limited, India (2011)

SKILLS

- Programming: Julia, Matlab, R, Mathematica and Python
- Professional Membership: INFORMS and POMS
- Leadership: Chairman of Production Engineers' Association 2013-14, NIT Trichy; Academic Representative for Production Engineering Class of 2014, NIT Trichy
- Languages: Tamil (native), English (professional) and Hindi (basic)
- Extra-Curricular: Violin (Indian Carnatic Style), Quizzing (school team) and Theatrics
- Sports: Badminton and Cricket

REFERENCES

Name	Title	Affiliation	E-mail
Sameer Hasija	Professor of Technology and Operations Management	INSEAD	sameer.hasija@insead.edu
Harry Groenevelt	Associate Professor of Operations Management	Simon Business School, Rochester	groenevelt@simon.rochester.edu
Enver Yücesan	Professor of Technology and Operations Management	INSEAD	enver.yucesan@insead.edu
Michael Freeman	Asst. Professor of Technology and Operations Management	INSEAD	michael.freeman@insead.edu