

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae



Brief Profile:

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

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2. Designation: Assistant Professor
3. Office Address:
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5. Email (Primary):
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6. Field(s) of Specialization:

Behavioral Operations Management

Supply Chain Contracts

Lena Six Sigma 4.0

Game Theory and its Applications

7. Employment Profile

| Job Title | Employer | From | To |
|----------------------------|---|------------|------------|
| Assistant Professor | National Institute of Technology Trichy | 23.03.2020 | Present |
| Assistant Professor | Indian Institute of Management Trichy | 01.02.2017 | 31.01.2020 |
| Programmer Analyst Trainee | Cognizant Technology Solutions | 01.08.2010 | 08.07.2011 |

8. Academic Qualifications (From Highest Degree to High School):

| Examination | Board / University | Year | Division/ Grade | Subjects |
|---------------------------------|---------------------------------------|------|------------------------------|---------------------------------------|
| Doctor of Philosophy | Indian Institute of Technology Madras | 2017 | First Class | Behavioral Operations Management |
| Master of Science (by research) | Indian Institute of Technology Madras | 2013 | First Class | Operations Management and Game Theory |
| Bachelor of Engineering | College of Engineering Guindy | 2010 | First Class with Distinction | Industrial Engineering |

9. Academic/Administrative Responsibilities within the University

| Position | Faculty/Department/Centre/Institution | From | To |
|-------------------------|---------------------------------------|------------|---------|
| Faculty Advisor - Music | Institution | 28.07.2021 | Present |

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| | | | | |
|---|----------------------------------|------------|------------|--|
| Club | | | | |
| MBA Admissions Verification Committee | Department of Management Studies | 01.01.2020 | 31.07.2020 | |
| PhD Admissions Verification Committee | Department of Management Studies | 01.01.2020 | 30.06.2020 | |
| PhD Admissions Verification Committee | Department of Management Studies | 01.08.2020 | 01.03.2021 | |
| PhD Admissions Verification Committee | Department of Management Studies | 01.01.2022 | 31.07.2022 | |
| Faculty Coordinator - Corporate Relations Committee | Department of Management Studies | 20.07.2020 | Present | |
| Faculty Coordinator - OpEx – Operations Club | Department of Management Studies | 20.07.2020 | Present | |

10. Academic/Administrative Responsibilities outside the University

| Position | Institution | From | To |
|---|--|------------|------------|
| Internal Complaints Committee Member | Indian Institute of Management Tiruchirappalli | 01.04.2018 | 31.12.2019 |
| Food Committee Coordinator for Indian Subcontinent Decision Sciences Institute International Conference | Indian Institute of Management Tiruchirappalli | 27.12.2017 | 30.12.2017 |

11. Awards, Associateships etc.

| Year of Award | Name of the Award | Awarding Organization |
|---------------|---|--|
| 2018 | Highly Commended Doctoral Research Award | European Foundation for Management Research and Emerald Publishers |
| 2016 | Emerging Economies Doctoral Student Award - Winner | Production and Operations Management Society, USA |
| 2015 | Highly Commended Paper Award | Emerald Publishers |
| 2013 | EthOR Award - Finalist | EURO Working Group on Ethics and OR |
| 2012 | Best Research Paper Award | Society of Operations Management Conference, IIT Delhi |
| 2006 | 12 th and 10 th School Topper | Sri RKM Sarada Vidyalaya Girls' Higher Secondary School |

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12. Fellowships

| Year of Award | Name of the Fellowship | Awarding Organization | From (Month/Year) | To (Month/Year) |
|---------------|---|--|-------------------|-----------------|
| 2013 | Half Time Teaching and Research Assistantship | Ministry of Human Resource Development | July 2013 | January 2017 |
| 2011 | Half Time Teaching and Research Assistantship | Ministry of Human Resource Development | July 2011 | June 2013 |
| 2006 | First Graduate Fellowship | Government of Tamil Nadu | August 2006 | May 2010 |

13. Details of Academic Work

- (i) Curriculum Development
- (ii) Courses taught at Postgraduate and Undergraduate levels

| Course offered | Program |
|--|--------------|
| MB713 Operations Research | MBA Core |
| MB 872 Advanced Operations Research | MBA Elective |
| MB 874 Logistics Management | MBA Elective |
| MB 878 Service Operations Management | MBA Elective |
| MBMI 14 Production and Operations Management | B. Tech |

- (iii) Projects guided at Postgraduate level

| S. No | Student Roll Number | Project Title | Program |
|-------|---------------------|---|---------|
| 1 | 215119045 | A Glance of The Preparedness of People During 32 Lockdown: A Survey Report | MBA |
| 2 | 215119067 | Finding alternatives to reduce the Customer Acquisition Cost for Khelfit Wellness Private Limited | MBA |
| 3 | 215119075 | Transportation of Acropodes to Gopalpur Ports Ltd | MBA |
| 4 | 215119091 | Procurement of Co-working and Office spaces during COVID Lockdown | MBA |
| 5 | 215119099 | Effect of Content Curation on SERP Ranking | MBA |
| 6 | 215120060 | Role of human resources in employee engagement | MBA |
| 7 | 215120061 | Portfolio Management & Equity Research | MBA |
| 8 | 215120062 | Study of the Performance Appraisal system and its effectiveness | MBA |

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|----|-----------|---|-----|
| 9 | 215120063 | Vendor Performance Management | MBA |
| 10 | 215120064 | Study of Nepal, Bangladesh and Sri Lanka Markets for Electric Three-Wheeler Vehicles export opportunities | MBA |
| 11 | 215120065 | Study on increasing efficiency of production planning and control | MBA |

14. Details of Major R&D Projects

| Title of Project | Funding Agency | Duration | | Status |
|------------------|----------------|----------|----|--------------------|
| | | From | To | Ongoing/ Completed |
| | | | | |

15. Number of PhDs guided/ongoing

| Name of the PhD Scholar | Title of PhD Thesis | Role (Supervisor/ Co-Supervisor) | Year of Award | Awarded/ ongoing |
|-------------------------|--|----------------------------------|---------------|------------------|
| G. Citybabu | Developing and Implementing Lean Six Sigma framework in Micro Level Food Processing Industries | Supervisor | | Ongoing |

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia/ Seminars/ Schools etc. (mentioning the role)

| Date (s) | Title of Activity | Level of Event (International/ National/ Local) | Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other) | Event Organized by | Venue |
|---------------------|---|---|--|--|--------|
| 12-16 February 2022 | Research Methodology and Data Analysis Workshop | International | Resource Person | Department of Management Studies, National Institute of Technology Tiruchirappalli | Online |
| 28 May 2020 | Faculty Development Program | National | Resource Person | Trichy District Tiny & Small Scale Industries | Online |

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| | | | | Association | |
|---------------------|---|---------------|--------------------------|--|--|
| September 2019 | Workshop on Business Analytics and Its Application Using R | National | Resource Person | National Institute of Technology Tiruchirappalli | National Institute of Technology Tiruchirappalli |
| Jan 2019 | 10th POMS-HK International Conference | International | Papers Presentations | Production and Operations Management Society | City University of Hong Kong |
| December 2018 | 22nd Annual International Conference of the Society of Operations Management | International | Papers Presentation | Society of Operations Management | IIM Kozhikode, India |
| 27-30 December 2017 | 11th Indian Subcontinent Decision Sciences Institute International Conference | International | Technical Sessions Chair | Decision Sciences Institute | Indian Institute of Management Tiruchirappalli |
| 27-30 December 2017 | 11th Indian Subcontinent Decision Sciences Institute International Conference | International | Paper Presentations | Decision Sciences Institute | Indian Institute of Management Tiruchirappalli |
| December 2017 | 21st Annual International Conference of the Society of Operations Management | International | Paper Presentation | Society of Operations Management | Ahmedabad University, India |
| December 2016 | 20th Annual International Conference of the Society of Operations Management | International | Paper Presentation | Society of Operations Management | IITM Gwalior, India |
| July 2016 | POMS India Chapter Conference on | International | Paper Presentation | Production and Operations | SPJIMR, Mumbai, India |

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|---------------|--|---------------|---------------------|--|---------------------------------------|
| | Big Data Analytics for Optimising Supply chains | | | Management Society | |
| June 2016 | Game Theory and Optimization Conference | International | Guest Speaker | National Mathematical Institute and IIT Madras | Indian Institute of Technology Madras |
| May 2016 | 27th Annual International Conference of the Production and Operations Management | International | Paper Presentations | Production and Operations Management Society | Hilton, Orlando, USA |
| December 2015 | 19th Annual International Conference of the Society of Operations Management | International | Paper Presentation | Society of Operations Management | IIM Calcutta, India |
| May 2015 | 26th Annual International Conference of the Production and Operations Management | International | Paper Presentations | Production and Operations Management Society | Washington, U.S.A. |
| December 2014 | 18th Annual International Conference of the Society of Operations Management | International | Paper Presentations | Society of Operations Management | IIT Roorkee, India |
| December 2013 | 17th Annual International Conference of the Society of Operations Management | International | Paper Presentation | Society of Operations Management | IIT Madras, India |
| July 2013 | 26th EURO - INFORMS Joint International conference | International | Paper Presentations | EURO INFORMS Society | Sapienza University, Rome, Italy |
| December 2012 | 16th Annual International Conference of the Society of Operations | International | Paper Presentation | Society of Operations Management | IIT Delhi, India |

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|--|------------|--|--|--|
| | Management | | | |
|--|------------|--|--|--|

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

| Title of Activity | Level of Event (International/ National/ Local) | Date (s) | Role | Venue |
|---|---|--------------------------|----------------------|--------|
| Research Methodology and Data Analysis Workshop | International | 12.02.2022 to 16.02.2022 | Workshop Coordinator | Online |

18. Invited Talks delivered

| Topic | Date | Inviting Organization |
|---|---------------------------------|--|
| External Examiner for M.E. Quality Engineering and Management Viva Voce Examination | 7 th July 2022 | Department of Industrial Engineering, College of Engineering Guindy, Anna University |
| Doctoral Committee Member | 7 th July 2022 | Department of Industrial Engineering, College of Engineering Guindy, Anna University |
| Operations Research for M.Tech Civil Engineering | 26 th February 2022 | Thiagaraja College of Engineering, Madurai |
| Behavioral Dynamics in Decision Making | 28 th September 2019 | National Institute of Technology Tiruchirappalli |
| Chief Guest for College to Corporate Training Program by IIM Kozhikode | 12 th August 2018 | Dhanalakshmi Srinivasan College, Perambalur |

19. Membership of Learned Societies

| Type of Membership (Ordinary Member/ Honorary Member / Life Member) | Organization | Membership No. with date |
|--|---|-----------------------------|
| Life Member | Society of Operations Management | |
| Life Member | Operations Research Society of India | |
| Member | Production and Operations Management Society, USA | |

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|-----------------|-------------------------------------|--|
| Honorary Member | EURO Working Group on Ethics and OR | |
|-----------------|-------------------------------------|--|

20. Academic Foreign Visits

| Country | Duration of Visit | Programme |
|---|-------------------|--|
| Rome, Italy | May 2013 | 26th EURO - INFORMS Joint International conference, Sapienza University |
| Washington D.C., United States of America | May 2015 | 26th Annual International Conference of the Production and Operations Management |
| Orlando, United States of America | May 2016 | 27th Annual International Conference of the Production and Operations Management |
| Honk Kong | January 2019 | 10th POMS-HK International Conference, City University of Hong Kong |

21. Publications

(A) Refereed Research Journals:

| Author(s) | Title of Paper | Journal | Volume (No.) | Page numbers | Year | Impact Factor of the Journal (Optional) |
|--|---|---|--------------|--------------|------|---|
| Gayathri, C., Kamala, V., Gajanand , M.S. and Yamini, S. | Analysis of operational and financial performance of ports: an integrated fuzzy DEMATEL-TOPSIS approach | Benchmarking: An International Journal | 29 (3) | 1046 - 1066 | 2022 | |
| Yamini, S. | Supply chain contracts with price and effort dependent demand | International Journal of Services and Operations Management | 41(1-2) | 184-202 | 2022 | |

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|-----------------------------|--|--|--------|---------|------|--|
| Yamini, S. | A comparative study of returns contract with no returns contract under monopoly and duopoly settings | International Journal of Enterprise Network Management | 12 | 32-55 | 2021 | |
| Yamini, S. | Behavioral perspective of newsvendor ordering decisions: review, analysis and insights | Management Decision | 59 (2) | 240-257 | 2021 | |
| Yamini, S. and Marathe R.R. | Mathematical model to mitigate planning fallacy and to determine realistic delivery time | IIMB Management Review | 30(3) | 242-257 | 2018 | |

(B) Conferences/Workshops/Symposia Proceedings

| Author(s) | Title of Abstract/ Paper | Title of the Proceedings | Page numbers | Conference Theme | Venue | Year |
|-----------|-----------------------------|--------------------------|--------------|------------------|-------|------|
| | | | | | | |

(C) Books & Monographs

| Author(s) | Title of Book/Monograph | Name of Publishers | Year of Publication | ISSN/ISBN Number |
|-----------|---|--------------------|---------------------|------------------|
| S. Yamini | Behavioural Operations Management - Trends and Insights | Springer, UK | 2021 | 9789811627743 |