

Resume

Dr. Ramesh K T

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MAJOR ACHIEVEMENTS:

- M Tech (Production Engineering & Systems Technology) from **Kuvempu University**
- Ph.D. (Supply Chain Risk Management) from **Indian Institute of Technology, Kharagpur**
- Conducted workshops like **Process Simulation using UniSim® Design Software, Design for Sustainability, Japanese Management Techniques, Constitution of India and Professional Ethics and Perspectives of Intellectual Property Rights**
- Organized International conference on **“Operations Management, Systems and Business analytics (COMSBA – 2021)”**.
- Completed NPTEL courses with good grades.
- Completed Global Online Certification Course on **Supply Chain Digitization and Management** conducted by NITIE – Mumbai and MIT-USA.
- Delivered lectures on ARENA Simulation software for participants at Research Colloquium held at Department of Industrial and Systems Engineering, IIT – Kharagpur.

EXPERIENCE:

- Working as Asst. Professor in Industrial Engineering & Management department with over 20 years of academic experience
- Associated with Operations Research Society of India.
- Presented and published technical research papers in various journals and conferences with citations.
- Reviewer for reputed journals such as Benchmarking: An International Journal, Journal of Purchasing and Productivity Management, Measuring Business Excellence, International Journal of Quality and Reliability Management, etc. Also worked as reviewer for various National and International conferences.
- Worked briefly as Industrial Engineer for a manufacturing company.
- Person having good interpersonal skills, committed, result-oriented, hard-working with a quest to learn new technologies.
- Being a good educator, have been engaging students in various activities and discussions which help them to discover their strengths and encourage them to think out of the box and innovate.
- Worked as COVID -19 Warrior for BBMP, Bengaluru as Nodal Officer for a year.

EDUCATIONAL QUALIFICATION:

Sl No	Degree	University /Institution	Division! Equivalent	Year of passing	Specialization
1.	Ph.D	IIT, Kharagpur	--	2019	Supply chain risk management
2.	M Tech	UBDT, Davengere Kuvempu University	First class with Distinction	2004	Production Engineering & Systems Technology
3.	BE	Bangalore University	First	1999	Industrial Engineering & Management

EMPLOYMENT RECORD:

University / college	Designation	Period
BMS College of Engineering, Bengaluru	Lecturer	10.10. 2000 to 30.06.2002
	Asst. Professor	03.09.2004 to till date

OTHER RELATED EXPERIENCE-RESEARCH, INDUSTRIAL ETC.

Organization	Designation	Period
M/s. Sai Metals, Bangalore	Engineer	05.10.1999 to 28.03.2000
M/s. Synthesis India Ltd, Bangalore	Purchase Engineer	29.03.2000 to 09.10.2000

AREAS OF INTEREST

Supply Chain Management

- Simulation Modeling & Analysis
- Industrial Engineering
- Decision Modeling
- Statistics

ACADEMIC ACTIVITIES

Theory Subjects taught

Under Graduate (IEM):

- Simulation Modeling & Analysis

- Advanced Operations Research
- Operations Management
- CAD/CAM
- Operations Research
- Technology Management
- Facilities Planning & Designing

Post Graduate (Product Design & Manufacturing)

- Simulation Modeling & analysis
- Lean Manufacturing
- Product design and development

Laboratories

- Simulation Lab
 - Enterprise Resource Lab
 - Industrial engineering Lab
 - Machine shop
 - Decision Modeling Lab
 - Sand testing lab
 - Metrology lab.
 - Materials Testing Lab
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- Use of MS Office (for Non-Teaching Staff)
 - Use of Arena Simulation Software (for Teaching Staff)
 - Crash Course on Network Techniques (for HoD's and Teaching Staff)
 - Crash Course on use of Google classroom and Google forms (for HoD's and Teaching Staff)
 - Crash Course on Network Techniques (for HoD's and Teaching Staff)

SKILL SETS:

Computer Knowledge

Operating Systems	:	Windows, Unix,
Languages	:	C, C++, Fortran. MatLab
Analysis Package	:	ANSYS
Drafting Packages	:	AutoCad, Solidworks
Simulation Packages	:	Quest, ARENA, Wintness, Anylogic
Database Packages	:	Oracle8, MS Access, Dbase
Spread sheet packages	:	MS Excel, Lotus 123
Statistical packages	:	R-software, Minitab, SPSS
Office tools	:	MS office
Operations Research Packages	:	Lindo, Lingo, CIPLEX , QSA, STORM

NPTEL AND OTHER ONLINE CERTIFICATION COURSES:

Year	Organization	Course title	Course Duration	Score obtained
2017	IIT - ROORKEE	Modeling & Simulation of Discrete Event systems	8 weeks	82 %
2019	IIT – ROORKEE	Supply Analytics	8 weeks	92%
2021	NITIE – MUMBAI	Global Online Certification Course on Supply Chain Digitization and Management	30 HOURS	-

COLLEGE AND DEPARTMENTAL ACTIVITIES:

- Department BoE member
- Department Purchase committee member
- Department Research and Development coordinator
- Design, development and implementation of accounting package which was used by examination department of BMS College of Engineering.
- Department Phase shift coordinator.
- Coordinated semester end VTU Theory exams.
- College Hostel anti ragging committee member
- Coordinator for 3 day state level work shop on Constitution of India & Professional Ethics conducted at BMS College of Engineering, Bangalore.
- Coordinator for 1 day state level Seminar on Intellectual Propitiatory Rights (IPR's) conducted at BMS College of Engineering, Bangalore.
- Department Time Table Officer
- Setting up of Simulation modeling laboratory and decision modeling laboratory
- Guided PG and UG Students.

CONSULTANCY AND SPONSORED RESEARCH ACTIVITIES

Year	Organization	Project title	Amount received
2007	M/s Abcon India Pvt. Ltd	Four day training programme on fundamentals of Simulation modeling and use of Arena software package	Rs. 8000 /-

SHORT TERM COURSES / SUMMER SCHOOLS

Sl. No.	Title of the course	From	To	No of Days / Weeks	Role
1	Mechatronics	19.12.2000	22.12.2000	4 days	Participant
2	Supply Chain & Logistic Management	04.05.2001	04.05.2001	1 day	Participant
3	ISO 9000 : 2000	05.11.2001	07.11.2001	3 days	Participant
4	Object Oriented Programming	07.01.2002	21.01.2002	2 weeks	Participant
5	Simulation Modeling & Analysis	05.04.2002	06.04.2002	2 days	Participant
6	CAD Awareness Programme	16.10.2004	18.10.2004	3 days	Participant
7	Constitution of India & Professional Ethics	02.09.2005	04.09.2005	3 days	Coordinator
8	IPR	17.03.2006	17.03.2006	1 day	Coordinator
9	Software Testing	19.08.2006	01.09.2006	2 weeks	Participant
10	CAED	04.09.2006	06.09.2006	3 days	Participant
11	PITOM	09.03.2007	10.03.2007	2 days	Participant
12	Interpersonal Skills & Positive Attitude for Success	28.06.2007	29.06.2007	2 days	Participant
13	Exploring Business Intelligence	11.08.2007	24.11.2007	2 weeks	Participant
14	Recent Developments in Advanced Material and FACE	16-08-2008	24-06-2008	2 weeks	Participant
15	Recent Trends in Quality & reliability for Total Business Excellence	21-07-2008	01-08-2008	2 weeks	Participant
16	Advances in Supply Chain and Manufacturing	16-12-2011	18-12-2011	3 days	Participant
17	Service science	08-07-2013	12-07-2013	1 week	Participant
18	Materials for advanced applications	02.09.2013	13.09.2013	2 weeks	Participant
19	Materials Engineering & Industrial Applications: Hybrid nanocomposites for photonics, energy and electronic devices	11-11-2013	22-11-2013	2 weeks	Participant

20	Hybrid inorganic-organic nanocomposites for photonics, energy and electronic devices: Industrial Applications	01-09-2014	12-09-2014	2 weeks	Participant
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LIST OF PUBLICATIONS:

1. Ramesh K T, Lawrence VJ, "Minimizing the wreckage caused by earthquakes in an topological approach", 35th ISTE National Convention & National Seminar held at Bapuji Institute of Engineering & Technology, Davangere, 15-17 Dec 2005
2. Ramesh K T, Rathana Raj K J, Lawrence V J, Mallikharjuna Babu K., "Data Envelopment Analysis (DEA)" Proceedings of ETIME, National Conference Of Mechanical Engineers, BMS College of Engineering, Bangalore held on 10th And 11th Feb 2006.
3. Ramesh K T., Rathana Raj K J, "Data Envelopment Analysis (DEA): An effective tool for performance measurement" Proceedings of Third international conference on Quality, Reliability and Information Technology, ICQRIT 2006, Indian national science academy, New Delhi, Dec 2-4, 2006
4. Ramesh K T., Rathana Raj K J, Lawrence V J, "Better performance of Industry- Institute interaction by joint functioning" Proceedings of 37th ISTE Annual Convention and National Seminar, MIT Manipal, held from 15 -17, Dec 2007
5. Ramesh K T., Rathana Raj K J, , " Simulation in Manufacturing and Service Industries: making it a successful practice" Proceedings of ETIME 2008, National Conference on Emerging Trends in Mechanical Engineering, BMS College of Engineering, Bangalore held on 28-29th, August 2008
6. Ramesh K T. , Rathana Raj K J, Lawrence V J, "Internal Benchmarking to measure customer satisfaction in engineering college" proceedings of 38th ISTE Annual Convention and Nation Seminar, KIIT University, December 19-21, 2008
7. Ramesh K T., Rathana Raj K J, Lawrence V J, Reddy Naik J. "Corrective actions for accountability in Technical Education" proceedings of 38th ISTE Annual Convention and Nation Seminar, KIIT University, December 19-21, 2008.
8. Ramesh K T, Chandrashekar, "Fruit Harvesting - techno Commercial Analysis, National Conference on recent innovations in science, Volume: 30076500.
9. Ramesh K. T, Mukund Kakani, Ronak. A, Sai Prashanth K.K, "Work Study of Parking Lot", International Journal of Innovative Research & Development, International Journal of Innovative Research & Development. Vol 5, issue: 11, 2016. IJIRD.
10. Ramesh K T, Sai Prashanth K K, Mukund Kakani, Ronak Dak, "Resource Optimization of a Fast food Franchise: Industrial Engineering approach", Journal of Recent Activities in Production, Vol 2, No 1,2 (2017)
11. Ramesh K T, Prof. S P Sarmah, Pushpesh Pant, "Supply Side Risks on Buyer Firm Performance: An Empirical study, XXII Annual International Conference of the Society of Operations Management, IIM Kozhikode , December 26, 2018.

12. Ramesh K T, Prof. S P Sarmah, "Impact of Upstream Risk Management on Firm Performance: An Empirical study, XXII Annual International Conference of the Society of Operations Management, IIM Kozhikode , December 26, 2018.
13. Ramesh K T, Nakul Natarajan and Sayan Chakraborty, "Drone Deployment for Rapid Medical Response: A Case in Bengaluru", International Conference on Future Engineering (ICFE - 2020), Ayodhya, India.
14. Ramesh K T, Sarath Prekash, V K, Rajat Kini, "Last-mile delivery using drones: A case of Bengaluru", Conference on Operations Management, systems, and Business analytics – 2021.
15. Ramesh K.T, Vaidehi Bhaskara, Bhagya Ramachandra, Hegde, Harini V, Sneha, "Data Envelopment Analysis as a Tool to Measure the Performance of Engineering College Department", Conference on Operations Management, systems, and Business analytics – 2021.
16. Ramesh KT, Apoorva L, B M Vibha, Karan S, Rithika Samyuktha K, "Circular economy in Aviation Industry", Conference on Operations Management, systems, and Business analytics – 2021.
17. Ramesh K.T, Karthik S Vasisht, Mahima Lakayil, Vaishnavi G Kulkarni, V, Ishaan Kumar, "Multi Criteria Decision Making Technique to Select Best Alternative Product", Conference on Operations Management, systems, and Business analytics – 2021.

Journal Paper

1. Ramesh K.T. , A. Ronak , K. K. Sai Prashanth , Suhas H. Shivogi, "Developing a Software Package for Outcome Based Education" Vol. 31, No.3 , (2018), <https://doi.org/10.16920/jeet/2018/v31i3/120754>.
2. Ramesh K.T., Medhini S, Nayeem N, Namya M," Simulation of PERT network and it's Validation", Shanlax International Journal of Management, Vol: 5 No. 4, 39-44, 2018.
3. Ramesh, K.T., S P Sarmah and Tarei, P.K, "An integrated framework for the assessment of inbound supply risk and prioritization of the risk drivers: A real life case on electronics supply chain, Benchmarking: An International Journal Volume 27 Issue 3, PP 1261-1286, (2019), Vol. 27 No. 3, pp. 1261-1286. <https://doi.org/10.1108/BIJ-03-2019-0119>.
4. Ramesh K T, S P Sarmah, "Impact of supply risk management on firm performance: a case of the Indian electronics industry", International Journal of Productivity and Performance Management, Vol. 70 No. 6, pp. 1419-1445 (2020), <https://doi.org/10.1108/IJPPM-04-2019-0205>

Journal Paper (communicated)

1. Ramesh K.T., S P Sarmah and Pushpesh Pant, "Supply Base Risk and Buying Firm Performance: An Empirical Evidence from Emerging Economy" , Journal of Purchasing and Supply Management, Manuscript Number: PURSUP-D-20-00048R2

PERSONAL DETAILS:

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