

Profile Page



Name : Dr Rajeev Trehan

Designation : Associate Professor & Head

Department : Industrial & Production Engg.

Qualification : PhD Industrial Engineering (Dr.B R Ambedkar National Institute of Technology Jalandhar)
M.Tech Industrial Engineering (Dr.B R Ambedkar National Institute of Technology Jalandhar)
B.Tech Mechanical Engineering (Dr.B R Ambedkar Regional engineering College, Jalandhar)

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Research Interests :

Lean, Six Sigma, Productivity Improvement and Advanced Manufacturing

Journal Publications :

Year	Journal	Publication
2018	The TQM Journal, Vol. 30 Issue: 6, pp.650-678,	Raja Sreedharan V., Rajasekar S., Santhosh Kannan S., Arunprasad P., Rajeev Trehan, (2018) "Defect reduction in an electrical parts manufacturer: a case study",
2016	International Journal of Lean Enterprise Research (IJLER), Vol. 2, No. 2, 2016	Execution of single minute exchange of die on corrugation machine in cardboard box manufacturing company: a case study by Gaurav Garg; Ajay Gupta; Rahul S. Mor; Rajiv Trehan
2015	VIVECHAN International Journal of Research, Vol. 6, Issue 1, 2015 pp-70 – 88.,2015	‘A Comprehensive Review of Cost of Quality’, rajeev trehan, R K Garg , Anish Sachdeva
2014	Journal of Environmental Research and Development, Vol.8, No.3A ,January- March, 2014.	Categorization of cost of quality- a study in engineering industry
2014	,ResearchCell: An International Journal of Engineering Sciences, December 2014, Vol. 3,pp-230-237.	‘Cost of quality- a system dynamics approach’ Rajeev Trehan, RK Garg, Anish Sachdeva
2013	Journal of production research & management, Issue 1 Vol 3,2013	Dinesh Kumar, Rajiv Trehan, Gagandeep Singh ‘Operational Modeling of Cutting Parameters Influence on Power Consumption and Surface Roughness CNC Turning of AISI 304’ ,

2012	The business review Cambridge, vol.20, no.2, December 2012	'Decision making using multicriteria decision making (MCDM) techniques' Rajeev Trehan and Rohit Vasudeva

Conference Publications :

Year	Conference	Publication
2017	ICRAME-2017	Gagandeep Singh Raheja, Dr Rajeev Trehan, Dr Amit Bansal The Relationship between quality and quality cost for an OEM auto parts manufacturing industry in Punjab
2016	INTERNATIONAL CONFERENCE ON PRODUCTION AND INDUSTRIAL ENGINEERING	Manoj Kumar Singh , Dr. Rajeev Trehan , Dr. Ajay Gupta "Investigation of process parameters for improvement of surface roughness and MRR of Inconel 625 by Grey-Taguchi methodology during AWJM"
2016	International Conference on Management, Finance, Economics & Entrepreneurship	Rajeev Trehan Cost of quality in Indian engineering Industry : A case study
2013	International Conference on Sustainable Manufacturing & Operations Management	Rajeev Trehan Practices in quality costing : A case study
2013	International Conference on Innovations in Engineering and Technology (ICIET'2013)	Rajeev Trehan Spending Behavior on Components of Cost of Quality: A Case Study
2013	3rd INTERNATIONAL CONFERENCE ON PRODUCTION AND INDUSTRIAL ENGINEERING,	Manish Pant, Rajeev Trehan,Leo mathews,Dr RK Garg LINE BALANCING USING (RPW) TECHNIQUE: A CASE STUDY
2013	3rd INTERNATIONAL CONFERENCE ON PRODUCTION AND INDUSTRIAL ENGINEERING,	Manish Pant, Rajeev Trehan,Leo mathews,Dr RK Garg Root Cause Defect Analysis in a Bicycle Industry for Productivity Improvement
2012	The International Business, Finance & Economics Research Conference	Rajeev Trehan , Rohit Sharma Decision Making using Multi criteria decision making technique
2011	Global Mindset Development in Leadership and Management	Rajeev Trehan A Diagnostic Study of Hand Tools Industry

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
book	Service Quality Through the Lens of SAP-LAP Methodology: A Case Study	Springer, Singapore	A Gupta, R Trehan, SK Gandhi	978-981-13-6475-4	2019

Research Projects :

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Coordinator	Research	Technology Gap study and possible remedial measures for sports goods	TIFAC, Department of Science and Technology, Govt of India, New Delhi	2007	2008	19.85 Lacs	Completed	Dr P K Chatley

co- principal coordinator		Technology gap study for bicycle industry	TIFAC, Department of Science and Technology, Govt. of India			10 lacs	complete d	Dr Rakesh Chandra, Dr A Braradwaj and DR J N Chakraborty
Co PI	R&D	'Studies on wet on wet coating for railway coaches to reduce cycle time of processes'	GS Paints Jalandhar	13-09-2019		10.5 lacs	on going	Dr Jatinder Kumar, Dr Sangeeta Garg

Admin. Responsibilities :

Position Held	Organization	From	To
Head, Centre of Training and Placement	NIT jalandhar	August 2018	till date
Nodal officer TEQIP -III	NIT jalandhar	2-2-2015	till date