

Dr. Shobha N S
Assistant Professor

Educational Qualification	M. Tech, V.T.U, PhD, VTU, Belagavi
Experience	Teaching: 17 years
Area/s of Interest	Operations Management, Production Engineering, Operation Research
Email ID	shobhans@rvce.edu.in

Journal Publications: 08

Conference Publications: 16

List of publications :

Journal Publications:

1. Safwan Ahmed, Shobha.N.S, “Impact of an IT tool on shop floor documenting and monitoring”, International Journal for research in technological studies, ISSN(online):2348-1439, PP 87-89, Vol 1, Issue 7, June 2014

Shobha.N.S, Dr.K.N.Subramanya, Outbound Logistics Modelling using Shortest Routing Algorithm in a Lean Enterprise - A Case Study, The IUP Journal of Supply Chain Management, Vol. XIII, No.4, Page No-17-26

Shobha N.S, Dr. Subramanya K N, Simulation of Kanban System in an Automobile Component Manufacturing Organization - A Case Study, International Journal of Lean Thinking, Volume 9 Issue 1, August 2018.

Shobha N.S, Dr. Subramanya K N, A Review of Kanban-based Manufacturing Systems. International Journal of Research and Scientific Innovation, 5(4), 244-246, April 2018.

Shobha N. S., & Dr. Subramanya K. N, Design of Mixed Truck System with Milk Run Pick Up And Single Hub Cross Docking Distribution-A Case Study. Asian Journal of Management, 9(1), 629-634, 2018.

Rohan Rajkumar, P.K Manjesh Ganapathy, Dr. Shobha N.S published a paper on “Creation, Enrichment and measurement of First Party Data” at International Journal of Innovative Research in Science, Engineering and Technology, Volume 10, Issue 7, ISBN - 9980-9985, July 2021

Nkhil Nandha, Shobha N S published a paper on “[Continuous improvement of quality at die casting plant](#)” at Journal of Emerging Technologies and Innovative Research, Volume 8, Issue 7, pp. 74-82, ISSN : 2349-5162, July-2021, 7.95 impact factor, July 2021.

Shobha N S, Deepak N A published a paper on “Water Leakage Detection and Location Identification – Using IoT and Cloud Interface” at RV Journal of Science Technology Engineering Arts and Management (RVJSTEAM) Vol. 1, Issue 1, Jan 2020, pp. 77 – 81.

Papers presented in National and International Conferences:

1. Ramaa.A, Shobha N.S, K.S Badarinarayana “Toyota way of assuring quality in open distance learning institutions” – National conference of quality assurance in ODL institutions, KSOU, Manasagangothri, Mysore held on 3,4 &5 March 2007.

Kiran.K, Shobha.N.S, Dr.K.N.Subramanya, " Value Stream Mapping For Tool Management-A Case Study"-International Conference on Operational Excellence for Global Competitiveness (ICOEGC),organized by Department of IEM, RVCE, Bangalore in association with M/s ABCON Information systems Pvt.Ltd, Bangalore, held during 3rd-5th Feb 2011,ISBN-978-93-81361-44-3.

Shobha.N.S, Dr.K.N.Subramanya, " Designing A Vehicle Routing System For A Distribution Network-A Case Study"-International Conference on Operational Excellence for Global Competitiveness (ICOEGC),organized by Department of IEM, RVCE, Bangalore in association with M/s ABCON Information systems Pvt.Ltd, Bangalore, held during 3rd-5th Feb 2011,ISBN-978-93-81361-44-3.

Shobha.N.S, Dr.K.N.Subramanya,"Application of value stream mapping for process improvement in a food manufacturing industry-A case study"-International Conference on challenges and opportunities in Mechanical Engineering, Industrial Engineering and Management Studies(ICCOMIM-2012),organized by MSRIT, Bangalore, held during 11th-13th July 2012,ISBN-978-93-82338-05-5

Dr. K N Subramanya and Shobha N S published a paper on "Machine Capacity Estimation in a process Industry using Simulation Modeling – A Case Study" at International Journal of Social Sciences and Humanities, Vol. 1, Issue 1, ISSN – 2277-7997, pp. 8 – 12.

Shobha.N.S, Dr.K.N.Subramanya, "Designing the Kanban scheduling system"-54th National convention & international conference on "paradigms for global challenges and opportunities:vision-2025" organized by Indian Institute of Industrial Engineering on 31st October 2012.

Shobha.N.S, Dr.K.N.Subramanya, "Lean supply chain practices adopted in manufacturing organizations-A Survey"-6th international conference on Global business opportunities & challenges organized by PESIT, Bangalore held during 22nd & 23rd November2012.

Harsha N, Shobha N S presented a paper on "Critical Factors Affecting the Success of Marketing in the Construction Industry" at National Conference on Emerging Trends in Engineering Management at JSSATE, Bangalore during 4th – 5th July 2013.

Akshay Dixit, Shobha N.S presented a paper "Customized Decision Support System For A Public Transport Corporation Using Myreport Data Analytic Tool" in Advances in Research & Development and Dissemination of Interdisciplinary Developments for Sustainability organized by Depts. of Mech. IEM, BT, CHEM and Civil, RVCE during 25th & 27th April 2015.

Shobha.N.S, Dr.K.N.Subramanya presented a paper"Multi Criteria Decision Approach for Supplier Selection in Lean Manufacturing System - A Case Study " in Int. Conf. on Advanced Materials, Manufacturing, Management & Thermal Sciences (AMMMT-2016),AMMMT 2016 organised by Mechanical & Ind Engg& Mgt Dept SIT Tumkur Karnataka INDIA on 23rd & 24th September 2016.

Dr. K N Subramanya, Dr. Rajeswara Rao K V S & Shobha N S,Analysis of Postures Leading to Musculo-Skeletal Disorders among Employees in Garment Manufacturing Units- A Case Study in 15th International Conference on Ergonomics for Improved Productivity, 8th-10th December 2017.

Shobha.N.S, Dr.K.N.Subramanya “Shop Floor Transportation Studies in Lean Manufacturing Organisation- A Case Study” at National Conference on Sustainable Development: Innovations, Practices and Technology, Tumkur University on 8th December 2017.

Shobha.N.S & K.N.Subramanya presented a paper on Heuristics Approach for modelling Inbound logistics in an Automobile Manufacturing Enterprise-A case study in 6th International Conference on Business Analytics and Intelligence 2018 organised by ORSI-Bangalore Chapter at IISC Bangalore during 20-22 December 2018.

Shreyas M.P & Shobha .N.S presented a paper on Reduction of noise level in Manufacturing area through Aqua Silencer -A case study in the National Conference on Emerging Trends in Engineering and Management 2018 on 12th Dec 2018 organised by Department of Industrial Engineering and management,JSS Academy of Technical Education,Bangalore.

Sanjay Vissa, Alamela Nath, Shobha N S presented a paper on “Role of Supply Chain Management in Real Estate – A review paper” at at International Conference on “Recent Trends in Industrial Innovation , Value Engineering and Management Science at Dayananda Sagar College of Engineering, dept. of IEM in association with INVEST during 28th – 30th March 2019.

Dr. K N Subramanya, Dr. Rajeswara Rao K V S, Shobha N S and Dr. B G Sudarshan presented a paper on “Auditing of Indoor environmental parameters from Ergonomics perspective in a garment manufacturing unit-A case study” at three days International Conference on “Humanizing Work and Work Environment” organized by Dept. of Industrial Production and Engineering, Dr B R Ambedkar NIT, Jalandhar in association with International Ergonomics Association during 08th -10th November 2019.

Workshop / Seminar attended

Attended pedagogy talk on “How the teacher in you can make our country proud” at R V College of Engineering on 25th January 2019.

Attended Women’s day celebration at BOSCH on 5th March 2019

Attended two days seminar SCALE 2019 “Digitalization Strategy for Responsive & Sustainable Global Supply Chain Management" organised by Indian Institute of Materials Management at Hotel Royal Orchid, Old Airport Road, Bangalore during 22nd and 23rd August 2019

Attended faculty development Program on Data Analysis using R programming & Predictive Modeling at JSS Academy of Technical Education during 23rd- 27th July 2018

Attended a lectured on Florida International University & Partners - Cyber Security & Forensic Analysis Summit at National Institute of Advanced Studies, Bangalore on 30th August 2018

Attended CII Karnataka Manufacturing and Operational Excellence Conference 2018 at ITC Gardenia, Bangalore on 11th December 2018