



NITIN KUMAR SAHU

Permanent Address:

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EXPERIENCE DETAIL

Working in **INSTITUTE OF TECHNOLOGY, GURU GHASIDAS (CENTRAL) VISHWAVIDYALAYA, BILASPUR**

Designation : Asst. Prof (Industrial and Production Engineering)

Period : From 13 July, 2013 to till date

Worked in **INSTITUTE OF TECHNOLOGY, GURU GHASIDAS (CENTRAL) UNIVERSITY, BILASPUR**

Designation : Asst. Prof (Industrial and Production Engineering)

Period : From 09 July, 2010 to 16 June, 2011

Worked in **INSTITUTE OF TECHNOLOGY, GURU GHASIDAS (CENTRAL) UNIVERSITY, BILASPUR**

Designation : Lecturer (Mechanical Engineering)

Period : From 11 Jan, 2010 to 30 June, 2010

Worked in **M/s. DROLIA ELECTROSTEELS PRIVATE LIMITED, RAIPUR (C.G.)**

Designation : Sr. Engineer (Project Co-ordination)

Period : From JULY 17, 2008 to 4 september 2009

Worked in **M/s. INDURE PRIVATE LIMITED, DELHI.**

Designation : ENGINEER (EPC Marketing, Proposals)

Period : From JULY 01, 2007 to JULY 15, 2008.

OTHER INFORMATION

- [1] **Highly Commended Award Winner** at the Literati Network Awards for **Excellence 2013** for article entitled “Establishing green supplier appraisalment platform using grey concepts” published in *Grey Systems: Theory and Application*.
- [2] **Reviewed** International Journal for Emerald Publication: An International Journal (*United Kingdom*).
- [3] Members of IAENG Societies (**Member Number: 130484**)

INTERNATIONAL JOURNAL PAPER

- [1] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Establishing Green Supplier Appraisalment platform using Grey Concepts*”, **Grey Systems: Theory and Application**, Volume 2, Issue 3, pp. 395-418, Emerald Group Publishing Limited, UK.
- [2] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Performance Index of Reverse Logistics using Interval-Valued Fuzzy Numbers Set (IVFNS)*”, **International Journal of Applications of Fuzzy Sets and Artificial Intelligence (IJAFSAI)**, Volume 2, pp. 57-77, (Published through the site of the **Graduate Technological Educational Institute of Patras, Greece**).
- [3] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*Decision Making for Selecting 3PL Service Provider using Three Parameter Interval Grey Numbers*”, **International Journal of Logistic Systems and Management**, Volume 14, Issue 3, pp. 261-297, Inderscience Publishers.
- [4] Samantra, S., **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*Decision-Making in Selecting Reverse Logistics Alternative using Interval-Valued Fuzzy Sets Combined with VIKOR Approach*”, **International Journal of Services and Operations Management (IJSOM)**, Volume 14, Issue 2, pp. 175-196, Inderscience Publishers, Switzerland.

- [5] Sahu, A. K., **Sahu N. K.**, Khandey, U., Dewangan, D. K., (2011), “*Heuristics Procedures for Scheduling Tasks on a Flow Shop Environment to Optimize Makespan*”, **International Journal of Business Review and Manufacturing Management (IJBRMM)**, Volume 1, Issue 2, pp. 1-7.
- [6] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Green Supplier Appraisalment in Fuzzy Environment*”, **Benchmarking, An International Journal**, Volume 21, Issue 3, Emerald Group Publishing Limited, UK. (*In press*)
- [7] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*A Fuzzy VIKOR Module for 3PL Service Provider Selection and Assessment*”, **International Journal of Mechanical Engineering Research**, Volume 3, Issue 2, pp. 81-84, Research India Publications, New Delhi, India.
- [8] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*Fuzzy-TOPSIS Based Performance Appraisalment Module for Selection and Evaluation of 3PL Service Provider*”, **International Journal of Information and Computation Technology**, Volume 3, Issue 1, pp. 62-65, International Research Publication House, Delhi.
- [9] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*Fuzzy Based Appraisalment Module for 3PL Evaluation and Selection*” **Benchmarking: An International Journal**. Emerald Group Publishing Limited, UK. (*Submitted successfully*)
- [10] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*Robot Selection Based on Grey-MULTIMOORA Approach*”, **Grey Systems: Theory and Application**, Volume 3, Issue 4, Emerald Group Publishing Limited, UK. (*In press*)

NATIONAL JOURNAL PAPER

- [1] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012) “*Performance Appraisal of Reverse Logistics using Interval-Valued Fuzzy Numbers Set*”, **Journal of Manufacturing Engineering**, Volume 7, Issue 3, pp. 277-283.

- [1] **Sahu, N. K.**, Sahu A. K., Khandey, U., Dewangan, D. K., (2011), “*Optimization of the Axial Force in Drilling Process Using Taguchi’s Parameter Design Approach*”, International Conference on Recent Advances in Mechanical Engineering, organized by Department of Mechanical Engineering on 21st–22nd April at Dr. M. G. R. Educational and Research Institute University, Chennai.
- [2] Sahu, A. K., **Sahu N. K.**, Khandey, U., Dewangan, D. K., (2011), “*Heuristics procedures for scheduling tasks on a flow shop environment to optimize makespan*”, International Conference on Recent Advances in Mechanical Engineering, organized by Department of Mechanical Engineering on 21st–22nd April at Dr. M. G. R. Educational and Research Institute University, Chennai.
- [3] Dewangan, D. K., Sahu, A. K., **Sahu N. K.**, (2011), “*Supply Chain Coordination in E-Business*”, International Conference on Recent Advances in Mechanical Engineering, organized by Department of Mechanical Engineering on 21st–22nd April at Dr. M. G. R. Educational and Research Institute University, Chennai.
- [4] Sahu, A. K., **Sahu N. K.**, Dewangan, D. K., (2011), “*Optimizing Single-Machine Scheduling Problem for Minimizing Number of Late Jobs with Distinct Due Dates for Satisfying the External Customer*”, International Conference on Advances in Materials and Manufacturing Technology, organized by Department of Mechanical Engineering on 20th–21th July at Chitkara University, Punjab.
- [5] Dewangan, D. K., Sahu, A. K., **Sahu N. K.**, (2011), “*The Best Co-Ordination of E-Business Technologies on Supply Chain Operations*”, International Conference on Advances in Materials and Manufacturing Technology, organized by Department of Mechanical Engineering on 20th–21th July at Chitkara University, Punjab.

- [6] Dewangan, D. K., Sahu, A. K., **Sahu N. K.**, (2011), “*The Impact of Demand Forecasting in Supply Chain Management*”, International Conference on Advances in Materials and Manufacturing Technology, organized by Department of Mechanical Engineering on 20th–21th July at Chitkara University, Punjab.
- [7] **Sahu, N. K.**, Sahu A. K., Dewangan, D. K., (2011), “*The Role of Heat Exchanger in Modern Power Plant for Cost Optimisation and Energy Enhancement with Decrement in Fuel Consumption*”, International Conference on Advances in Materials and Manufacturing Technology, organized by Department of Mechanical Engineering on 20th–21th July at **Chitkara University, Punjab.**
- [8] Samantra, C., **Sahu, N. K.**, Datta, S., Mahapatra, S. S., (2012), “*Decision-Making towards Selecting Product Recovery Alternatives in Reverse Logistics using Interval-Valued Fuzzy Sets Combined with TOPSIS*”, International Conference on Marketing paradigms in emerging Economics, organized by Faculty of Management Studies on 4th – 5th December at **Banaras Hindu University, Varanasi.**
- [9] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), “*A Fuzzy VIKOR Module for 3PL Service Provider Selection and Assessment*”, World Congress on “Frontiers of Mechanical, Aeronautical and Automobile Engineering” (WCFMAAE-2013), organized by “Krishi Sanskriti” on 2nd – 3rd February at Indian **Institute of Technology, Delhi.**

NATIONAL CONFERENCE PAPER

- [1] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*A Fuzzy Based Green Supply Chain Performance Appraisement Platform*”, National Conference on Industrial Mathematics and Soft Computing (NCIMSC-2012), Organized by Department of Mathematics, School of Applied Sciences on 26th -27th May at **KIIT University, Bhubaneswar.**
- [2] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Performance Evaluation of Green Supplier using Generalized Trapezoidal Fuzzy Numbers Set*”, Proceedings of the National

- Conference on ‘Emerging Challenges for Sustainable Business’, Organized by Department of Management Studies on 1st-2nd June at **Indian Institute of Technology Roorkee**.
- [3] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Performance Appraisal of Reverse Logistics using Interval-Valued Fuzzy Numbers Set*”, 3rd National Conference on Recent Advances in Manufacturing, RAM-2012, Organized by Department of Mechanical Engineering on 27th-29th June at **Sardar Vallabhbhai National Institute of Technology, Surat**.
- [4] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Evaluating Supplier Appraisal Index in Green Supply Chain using grey numbers*”, National Conference on “Recent Trends in Operations and Supply Chain Management”, Organized by School of Management on 4th August at **Gautam Buddha University, Greater Noida**.
- [5] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*A framework for selecting 3PL service providers using Fuzzy AH*”, National Seminar on “Management Challenges In The New Milieu –The Road Ahead”, Organized by Faculty of Management Studies on 7th November at **ICFAI University, Ranchi**.
- [6] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2012), “*Fuzzy Based Performance Appraisal Module for Selection and Evaluation of 3PL Service Providers*”, National Conference on ‘Innovation and Entrepreneurship: An Indian Experience’, Organized by Center for Management Studies on 20th February at **Jamia Millia Islamia (Central University), New Delhi**.
- [7] **Sahu, N. K.**, Datta, S., Mahapatra, S. S. (2013), ‘*Fuzzy-TOPSIS Based Performance Appraisal Module for Selection and Evaluation of 3PL Service Providers*’. National Conference on ‘Paradigm for Sustainable Business: People, Planet, and Profit’, Organized by the Department of Management Studies on 8th-9th March at **Indian Institute of Technology, Roorkee**.

EDUCATIONAL QUALIFICATIONS

DELHI COLLEGE OF ENGINEERING (DCE)

DELHI, INDIA

Master of Engineering (Mechanical / Production Engineering)

June, 2007

“ Qualified GATE Exam with 94.32 percentile and 104 all India rank “

Master of Engineering in specialization Production Engineering from **DCE** (Now known as **Delhi Technological University (D.T.U.)**), with an aggregate of **70.9%**.

INSTITUTE OF TECHNOLOGY (ITGGU)

BILASPUR, CHHATTISGARH

Bachelor of Engineering (Mechanical/ Production Engineering)

June, 2005

B.E with **Honours** in discipline Industrial & Production Engg. with an aggregate of **77.8%** from **ITGGU, Bilaspur** affiliated to AICTE.

CLASS XII

June, 2001

Passed Intermediate (M.P. Board) in 2001 with an aggregate of 72.66 %.

CLASS X

June, 1999

Passed High School (M.P. Board) in 1999 with an aggregate of 61.4 %.

EXPERIENCE / PROJECTS

M.E. (Major Thesis)

Jan 2007 - Jun 2007

“Cutting force in drilling machine using Tagauchi’s design approach”

B. E (Final Year Project)

Feb 2005 – May 2005

”Total Quality Management (TQM) ”, live project in LAFARGE Cement Industry, Arasmeta..

PERSONEL INFORMATION

Gender : Male (Married, Indian)

Fathers Name : Mr. R.K.SAHU

Date of Birth : 06/11/1983

Language : English, Hindi

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge.

(NITIN KUMAR SAHU)