

Dr. Om Prakash Mishra

Home: P2/24 C Pearl Floor
SRS City , Sector 87
Greater Faridabad
Technology-121002
Email: *Opmishra.m@rediffmail.com*

Office: M-205 (A)
Department of Mechanical Engineering
J.C. Bose University of Science &
Sector 6, Faridabad,
(A Haryana State Govt. University)

Research

My principal research interests lie in the field of Just in Time Supply Chain Management. I have investigated the impact of Just in Time Philosophy in enhancing the performance of supply chain management of Indian Industries and earned my Doctorate Degree in 2016.

My future research plans are to explore various supply chain related issues, so that main producer/provider to get maximum benefits out of complete revenue generated by the product.

EDUCATION

- 2011-2016 Ph.D. “ Applicability of Just in Time in Supply Chain of Indian Industries”
J.C. Bose University of Science & Technology, Faridabad (India)
Supervisor: Professor Vikas Kumar – leading researcher in Just in Time manufacturing.
- 2004 – 2006 Master of Engineering “ Material Handling”
MITS, Gwalior, Madhya Pradesh (India)
Awarded – “Performance Analysis and Improvement of a Mobile Hydraulic Crane” dissertation project.
- 2002 AMIE (I) in Mechanical Engineering (Graduation)
Institution of Engineers (India)
- 1990 Diploma In Mechanical Engineering
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PUBLICATIONS

- 2012 JIT supply chain; an investigation through general system theory”,
Management Science Letters 3, 743–752.
- 2014 Application of ISM technique for analysis of the procurement related
attributes in JIT supply chain management”. Int. J. of Procurement
Management, Vol. 7, No.4 pp. 473 – 491
- 2015 Multi-attributes based comparison of JIT distribution process of supply
chain”, Int. J. Logistics Systems and Management, Vol. 22, No. 4, pp. 500-519.
- An investigation of JIT-based supply chain towards alignment of suppliers,
manufacturers and distributors: a literature review’, Int. J. Supply Chain and
Operations Resilience, Vol. 1, No. 4, pp.351–373.

- 2016 Investigations of JIT applicability in supply chain: empirical evidence from Indian firms' Int. J. Business Performance and Supply Chain Modelling, Vol. 8, No. 3, pp 222-249.
- 2017 Exploring performance of JIT supply chain in context of Indian industries", Int. J. Advanced Operations Management, Vol. 8, No. 4, pp 323-346.
- 2018 " Performance evaluation of JIT enabled SCM using ANP method", Int J Syst Assur Eng Manag, Vol 9, No. 2 pp 547-558.
- 2018 CAD Modeling of Solar Vehicle Structure", International Journal of Management, Technology and Engineering, Volume 8, Issue V, pp 346-354, 2018, ISSN NO : 2249-7455
- CAE Analysis of Solar Vehicle Structure", International Journal of Management, Technology and Engineering, Volume 8, Issue V, pp 325-345, 2018, ISSN NO : 2249-7455

TEACHING/ADMINISTRATION EXPERIENCE

Assistant Professor in Department of Mechanical Engg, J C Bose, University of Science and Technology, Faridabad, Haryana (India)

Subject Taught: UG: Theory of Machines, Engineering Mechanics, Strength of Material, Economics for Engineers, Marketing Management, Engineering Graphics etc.

PG Level: Supply Chain management; Material Management; Ware Housing and Logistics management, Production Planning and Control.

Supervisor: Desertions of ten Students

WORK EXPERIENCE

Defence Services (1987- 2007): Technical Branch (Indian Air Force); Maintenance Engineer.

Teaching (2008-Till Date): Regular Faculty of JC Bose UST

Administration: Head Purchase; Nodal Officer community College, Warden (boys); NCC coordinator, Maintenance Head, VLCI YMCA Coordinator etc.

PROFESSIONAL MEMBERSHIPS

1. Associate Member of Institution of Engineers (I) [AM-124579]
2. Senior member of Indian Institute of Industrial Engineering [SMIIE 10790 (99)]
3. Life member of the Indian society for Technical Education [LM 108071]

CONFERENCES & COURSES

S.N. Conference Details of Publication

- 2012** "JIT Supply Chain Management: An Introduction", National Conference on Trends and Advances in Mechanical Engineering, YMCA University of Science & Technology, Faridabad, Haryana, Oct 19-20, pp 895-901,
- 2013** "Basic principles and concepts of JIT supply chain management", international conference on recent advances in mechanical engineering, ,M. G. Ramachndran University, Channai, Apr12-13.
- 2013** "Basic principles and concepts of JIT supply chain management", international conference on recent advances in mechanical engineering, ,M. G. Ramachndran University, Channai, Apr12-13.
- 2013** "Investigation of Just in Time Production Attributes for Supply chain management", 3rd International Conference on Production and Industrial Engineering, NIT, Jalandhar, pp 439-444.
- 2013** "Basics of JIT in supply chain management" , 3rd International Conference on Production and Industrial Engineering, NIT Jalandhar, Jun 21-22, pp.445-451.
- 2014** "Implementation difficulties of JIT Distribution process in supply chain management of Indian industries", National Conference on Recent trends in Mechanical Engineering, Feb 17-18.
- 2014** "Preparing India for JIT Supply Chain Management", National Conference on 'Paradigm of Mechanical Engineering', MRU, Faridabad, India, Dec 19- 20.
- 2015** "Risk in Supply chain disruption: an Industrial Hazards", Proceedings of all India Seminar on Industrial Safety- issues and Challenges", 21-22 Aug, 2015, IEI, Faridabad, local centre.
- 2016** "Higher Education: Needs attention for success of make in India", National Conference on Role of Science and Technology Towards 'Make in India' (RSTTMI-2016), March 05 - 07, 2016, YMCAUST, Fbd, India.
- 2016** Modeling & Analysis of Linkage used in Tractor Braking Mechanism using CAE Tools, International conference on Sustainable Development through Research in Engineering and Management (SDREM16) Dec. 26-27, 2016, YMCA UST.
- 2017** "Scrutinising the Effects of JIT in Supply Chain Management: A Study of Manufacturing Industries in Developing Countries", CPIE, IV International Conference on Production & Industrial Engineering, 19-21 Dec, 2016, NIT, Jalandhar, India.
- 2017** " An overview of: Alignment of supplier, manufacturer and distributor in JIT supply chain, 3rd National Conference on Trends and Advances in Mechanical Engineering, (TAME), March 16-17, YMCAUST, Fbd, India.

2017 "An overview of: Alignment of supplier, manufacturer and distributor in JIT supply chain", Proceedings national conference, TAME 2017, Mar 16-18, YMCAUST, Faridabad, India.

Courses:

- 2011** Supply chain excellence
 - 2012** Application of solar energy
 - 2013** Application of graph theory- a novel technique for research work shop
 - 2013** Emerging trends in engineering, technology and management
 - 2013.** Soft skills for effectiveness of professionals
 - 2013** Application Of Photovoltaics
 - 2013** Structure modelling equation and AMOS
 - 2014** Modelling and simulation of dynamical systems and optimisation
 - 2014** Recent advances in utilisation of hydrogen in IC engine
 - 2014** Question paper design
 - 2015** Use of photovoltaic s in solar energy
 - 2016** CNC technology
 - 2017** CAD using Uni-graphics":
 - 2017** Visionary Learning Community of India
 - 2018** Problem solving & decision making
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07 Jan 2019

Dr. O. P. Mishra
