



RESUME

Personnel Information

Name : **Dr. Kamal Khanna**
Date of Birth : 28th November, 1986
Father's Name : Sh. Tilak Raj Khanna
Gender : Male
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Reviewer of ESCI/SCI/SCIE/ Scopus Journals

1. Reviewer: **International Journal of Operations & Production Management, Emerald (SCI IF: 4.76)**
2. Reviewer: **Kybernetes, Emerald (SCI IF: 1.75)**
3. Reviewer: **Benchmarking: An International Journal, Emerald (ESCI IF: 3.6)**
4. Reviewer: **Journal of Enterprise Information Management, Emerald (ESCI IF: 2.65)**
5. Reviewer: **Asia Pacific Journal of Marketing and Logistics, Emerald (ESCI IF: 2.51)**
6. Reviewer: **Iranian Journal of Science and Technology, Transactions of Mechanical Engineering, Springer (SCI IF: 1.02)**
7. Reviewer: **Frontiers of Mechanical Engineering, Springer (SCI IF: 2.44)**
8. Reviewer: **Journal of Mechanical Science and Technology (JMST), Springer (SCI: 1.34)**
9. Reviewer: **Engineering Applications of Artificial Intelligence (IF: 7.5)**
10. Reviewer: **Sustainable Manufacturing & Service Economics**

Professional & Academic Qualifications

<i>Examination Passed</i>	<i>University/ Board</i>	<i>Year of Passing</i>	<i>% Marks</i>	<i>Division</i>
Ph.D.	IKG Punjab Technical University, Kapurthala	2019	78.2%	First
M.Tech (Manufacturing System Engineering)	Department of Mechanical Engineering, Sant Longowal Institute of Engineering & Technology, Longowal, Sangrur (Demmed-tobe-University)	2011	9.46 CGPA	First (with Distinction)
B.Tech. (Mechanical Engineering)	Punjab Technical University, Kapurthala	2008	77.92%	First
10+2 (Non-Medical Stream)	PSEB, Mohali	2004	65.55%	First
Matriculation	CBSE, New Delhi	2002	75%	First

Experience

- Working as **Lecturer** in Department of Mechanical Engineering (Poly Wing) at Shaheed Bhagat Singh State University, Ferozepur (erstwhile Shaheed Bhagat Singh College of Engg. & Technology) since 16th December, 2010.
- Worked as **Lecturer** in Department of Mechanical Engineering at Lala Lajpat Rai institute of Engineering & Technology, Moga from 28th July, 2008 to 27th July, 2009.

Awards /Distinctions

- Has done M-Tech with Distinction with 9.46 CGPA.
- Overall 2nd position in Institute in B-Tech. at Institute Level (Batch 2004-2008).
- Secured 2nd position in Institute (B-Tech. M.E.) consecutively in 2nd & 3rd year.
- Awarded by Campus Director for Job Fairs organized by SBSSTC, Ferozepur consecutively during sessions March 2021 & October 2021.
- Awarded by District Administration for Job Fairs organized by SBSSTC, Ferozepur consecutively during Independence Day (August' 2019) and Republic Day (January' 2020).
- Awarded by District Administration for Election duty during Punjab Vidhansabha Elections-2022 for smoothly performing the duty as Incharge-Election Stationary Kits (Ferozepur Rural-077).

Research Areas

- Reconfigurable Manufacturing System, Simulation & Modeling of Manufacturing Systems
- Facility Layout Planning
- Operations Management
- Multi-objective optimization
- Supply Chain Management
- ERP

Thesis Completed

S.No	Name	Completion Year	Thesis Title
1	Manupreet Singh	2012	Analytical Study Of Critical Failure Factors of ERP In Indian SMEs
2	Gagandeep Singh	2012	Study Of Appropriate ERP Strategies In Manufacturing Industries

Publications

(a) Publications in International Journals

- **Kamal Khanna**, Rakesh Kumar (2019), "Reconfigurable Manufacturing System: a state-of-the-art review", Benchmarking: An International Journal, Vol. 26, Issue 8, pg. 2608-2635, ESCI Indexed (IF: 2.80) & UGC Listed.
- **Kamal Khanna**, Rakesh Kumar (2019), "Modularity Evaluation for RMT Configuration Selection", Journal of Advanced Research in Dynamical and Control Systems, Vol. 11, Issue 1, pg. 159-168, Scopus Indexed & UGC Listed.
- **Kamal Khanna**, Rakesh Kumar (2019), "Some Performance Issues in Reconfigurable Manufacturing Systems", Journal of Emerging Technologies and Innovative Research, Vol.6, Issue 2, page no.48-51, UGC Listed.
- **Kamal Khanna**, Gurjeevan Singh (2019), "ERP implementation in the perspectives of SMEs, Indian Journal of Technical Education Vol.41, Issue 1, pp. 41-45.
- **Kamal Khanna**, Rakesh Kumar, "Part Family and Operations Group Formation for RMS using Bond Energy Algorithm", International Journal of Engineering and Technology (IJET), Vol.9 Issue 2 Apr-May 2017, pp.1365-73 (UGC Listed).
- **Kamal Khanna**, Gazal Preet Arneja, "Choosing an Appropriate ERP Implementation Strategy", International Organization of Scientific Research (IOSR), IOSR Vol. 2 Issue 3, Mar. 2012, pp. 478-483 (UGC Listed).
- **Kamal Khanna**, Gazal Preet Arneja, "ERP Implementation-Do It Right the First Time", International Journal of Research in Mechanical Engineering & Technology (IJRMET), IJRMET Vol. 1 Issue 1, pp. 63-86, IJRMET/1110/A-974.
- **Kamal Khanna**, Pardeep Gupta, "Study the Perspectives of Implementation of Enterprise Resource Planning in Manufacturing Industries", International Journal of Engineering Research and Applications (IJERA), Vol.1 Issue 2 July-Aug. 2011, pp.346-359.

(b) Papers accepted in International Conferences:

- **Kamal Khanna**, Gazal Preet Arneja and Rakesh Kumar "Group Technology in the Design of Manufacturing Systems- A Review", 5th International and 26th National- All India Manufacturing Technology Design and research Conference (AIMTDR -2014) held at IIT, Guwahati (December 12-14, 2014).
- **Kamal Khanna**, Manupreet Singh, Chandan Deep Singh and Talwinder Singh "Analytical Study Of Critical Failure Factors of ERP In Indian SMEs", International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (October 3-6, 2013).
- **Kamal Khanna**, Gagandeep Singh, Chandan Deep Singh, Rajdeep Singh "Study Of Appropriate ERP Strategies In Manufacturing Industries", International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (October 3-6, 2013).

(c) Papers accepted in National Conferences:

- **Kamal Khanna**, Gazal Preet Arneja, Rakesh Kumar (2020), "TLBO Based bi-objective optimisation

in RMS”, Internal Congress Sustainable Development through Engineering (SDEI-2020) held at GNDEC, Ludhiana (September, 17-19, 2020).

- **Kamal Khanna**, Rakesh Kumar, “Performance Measures in Reconfigurable Manufacturing System”, 3rd National Conference on Advances in Manufacturing System (CAMS-2017) held at SBSSTC, Ferozepur (December, 15-16, 2017).
- **Kamal Khanna**, Gurjeevan Singh, “Recent Trends in Emerging Engineering Technologies: A Review” 3rd National Conference on Advances in Manufacturing System (CAMS-2017) held at SBSSTC, Ferozepur (December, 15-16, 2017).
- **Kamal Khanna**, Gazal Preet Arneja and Rakesh Kumar, “Comparison of Traditional Manufacturing Systems with Modern Manufacturing Systems”, 4th National Conference on Frontiers in Materials Research & Applications (FMRA-2017) held at SBSSTC, Ferozepur (December 21, 2017).
- **Kamal Khanna**, Gazal Preet Arneja and Rakesh Kumar “Reconfigurable Manufacturing Systems- A New Class of System”, 2nd National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (December 23-24, 2015).
- **Kamal Khanna**, Gurjeevan Singh, Mandeep kaur & Navneet kaur “Nanotechnology- A Review”, 2nd National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (December 23-24, 2015).
- **Kamal Khanna**, Gurjeevan Singh, Gazal Preet Arneja and Rakesh Kumar “ERP Implementation: An Effective Management Tool”, National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (September 5-6, 2014).
- **Kamal Khanna**, Gazal Preet Arneja, and Rakesh Kumar “Application of Statistical Tools and Techniques for Achieving Different Sigma Levels”, National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (September 5-6, 2014).
- **Kamal Khanna**, Gurjeevan Singh, Gazal Preet Arneja and Sukhjinder Singh, “Use of Mechatronics in Today’s Industry: A Review”, National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (September 5-6, 2014)
- **Kamal Khanna**, Sukhjinder Singh, Manpreet Singh and Varun Panwar, “Influence of Welding Parameter on Bead Geometry of Weld Metal in Submerged Arc Welding”, National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (September 5-6, 2014)
- **Kamal Khanna**, Gazal Preet Arneja, and Rakesh Kumar “Use of Reconfigurable Manufacturing Systems in Industries”, National Conference on Advances in Manufacturing Systems held at SBSSTC, Ferozepur (September 5-6, 2014).

(d) Book Published

- **Kamal Khanna**, “ERP – A Roadmap to Success” Published by LAP LAMBERT Academic Publishing (OmniScriptum GmbH & Co. KG) Deutschland/ Germany, ISBN: 978-3-659-78807-9.
- **Kamal Khanna**, Gazal Preet Arneja, Neelkanth Grover and Rakesh Kumar (2019), “Reconfigurable Manufacturing System”, Book Chapter on Future Aspects in Engineering Sciences and Technology published by University Centre for Research Development Chandigarh University, Vol.2, pp. 142-151.

(Dr. Kamal Khanna)