

# CURRICULAM VITAE OF PROFESSOR ABID HALEEM



**Professor**, Department of Mechanical Engineering  
Faculty of Engineering and Technology,

**Founder Director (Honorary), Internal Quality Assurance Cell**  
Jamia Millia Islamia, New Delhi-110025, From 2010- to Nov 2015

**Tel: (Mobile)** +91-9818501633

**E-mail:** [haleem.abid@gmail.com](mailto:haleem.abid@gmail.com) and [ahaleem@jmi.ac.in](mailto:ahaleem@jmi.ac.in)

**SCOPUS:** <https://www.scopus.com/authid/detail.uri?authorId=25627604500>

**Google Scholar** [Profile of Prof. Abid Haleem](#)

**ResearchGate:** [https://www.researchgate.net/profile/Abid\\_Haleem](https://www.researchgate.net/profile/Abid_Haleem)

**ORCID ID:** <https://orcid.org/0000-0002-3487-0229>

**Web of Science Researcher ID:** G-4761-2012

## Academic Credentials:

**Doctor of Philosophy Topic:** *"Steel planning and Policy evaluation: a flexible systems Management approach"*

**From:** Department of Mechanical Engineering, Indian Institute of Technology, Delhi (IIT-D), Awarded in 1996

**M. Sc. Engg.** (Industrial Engineering): Aligarh Muslim University, 1987 (Gold medal)

**BSc. Engg.** (Mechanical Engineering): Aligarh Muslim University, 1985 (Hons)

## Academic Positions

<b>Jan'2002 till date</b>	Professor, Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi, India
<i>July 2007- 2011</i>	<i>Honorary visiting Professor, Department of Management Studies, IIT Delhi, India</i>
<b>Aug'1992-Jan'2002</b>	Reader, Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi, India
<b>Dec'1987-Aug'1992</b>	Lecturer, Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia New Delhi, India
<b>Mar'1987-Nov'1987</b>	Lecturer, Department of Mechanical Engineering, Z. H. College of Engineering and Technology, AMU, Aligarh, India

## Contribution to Academics and Institutional Development of Jamia Millia Islamia

- **Chairman Faculty Induction and Development Cell (FIDC) from 2019 till date**
- **Founder Honorary Director of Internal Quality Assurance Cell (IQAC) and Coordinator NAAC from 2010 to 2015** Established IQAC at JMI and motivated, guided and helped the university establish a quality vision and its strategic implementation. Improved the institutional research visibility and prepare documentation for NAAC assessment and accreditation. Cen coordinated the institutional teams for securing an A grade in NAAC,2014.
- **Head. Mechanical Engineering from 2010 to 2013.** Effectively running B Tech, BE, M Tech, and Research program. Bought FIST and SAP to the department and DST, MoEF, AICTE funding, developed new labs to support the updated syllabus for B Tech effective from 2012 and M Tech Syllabus effective from 2011.to bring the department to the international level.
- **Founder Coordinator MBA** (Evening) program till 2010. Effectively running the program through syllabus design and updating, faculty arrangement day-to-day administration, drafting examination regulations and other regulations, maintaining rapport with other institution, industry faculty, and the students
- **Instrumental in developing** Industrial Engineering Laboratory, Engineering Workshop, Material Science laboratory, Ergonomics Laboratory, Additive Manufacturing laboratory etc.

## Research Interests

- Additive manufacturing and applications
- Supply Chain Management and Halal Supply Chain Management
- Innovation management
- Systems based modelling
- Healthcare technologies

## Major Indian Government research grants and projects accomplished:

- DST-FIST of INR 1.32 crores for Mechanical Engineering, 2013-18
- DST Project on Technology Forecasting and Technology Assessment, of INR 1.6 million in 2011-13.
- MODROBS project on "Modernisation of Fluid Mechanics Laboratory, 1.5 million INR 2012-13.
- UGC, Grant of INR 2.0 million for DRS of Mechanical Engineering, 2012-13
- MODROBS Grant on "Modernization of Industrial Engineering Laboratory, of INR 1.0 million in 2000-01

## Major International/National Projects

- Green Practices, joint research, teaching programmes and international activities collaboration with the School of Built Environment at the University of Salford. (UK), 2007-2009
- Worked with the Ministry of Human Resource Development for providing a detailed project report (DPR) for the establishment of School of Engineering and Technology, University of Aizwal, 2006
- Worked for Department for International Funding, for "Organizational Review of Government of India Press of Orissa", 2003
- Performed project on "SMC Dialog Plus of Allen Bradley" at Milwaukee School of Engineering, Milwaukee, Wisconsin, USA. Project sponsored by Rockwell Automation, USA. Teamwork with researchers and professors from 13 countries from 2<sup>nd</sup> July to 14<sup>th</sup> August' 2001 **Indian Industry / Academic Project**

## Major Professional Activities

- **Vice President**, Society for Construction Law (SCL) India in 2016-18
- **Director (Honorary)** Global School of Environmental Management 2016
- **President**, Global Institute of Flexible Systems Management (GIFT), New Delhi, from Aug 2014 to Aug 2015

- **President-Elect**, Global Institute of Flexible Systems Management (GIFT), New Delhi, from Aug 2013 to Aug 2014
- **Secretary (Honorary)** Global Institute of Flexible Systems Management (GIFT), New Delhi, from Aug 2012 to Aug 2013
- **Vice President (Northern India)**, Academy for Global Business Advancement, 2014
- **Advisor, DTDC Institute of Supply Chain Management**, from 2011 to 2014
- **Member**, Faculty Board, School of Management, IGNOU, New Delhi, Faculty of Business Studies, AMU, NITTR Chandigarh
- **Governing Council member**, Society of Construction Law (SCL), Delhi Chapter, from 2015 to 2018
- **Member Ad-hoc Task Force, Performance Management Group, Cabinet Secretariat**, Result Framework Document, infrastructure Development, former 2012 to 2015
- **Independent Director**, Telecom Consultants of India Limited, (A Govt. of India Enterprise) from July 2008 to July 2011
- **Expert member in Review** of Public sector undertakings' functioning by Ministry of Industry, Government of India. 2007 and 2008
- **Consultant** to Educational Consultants of India (EdCIL), Department for International Development (DFID), Government of Orissa
- **Member, Governing Council**, Global Institute of Flexible Systems Management (GIFT) Involved in the publication of "Global Journal of Flexible Systems management and organizing International Conferences, National events, Seminar series, conferences etc.
- **Founder Member**, Global Institute of Flexible Systems Management (GIFT), New Delhi
- **Life Member**, Indian Society of Mechanical Engineering.
- **Life Member**, Indian Islamic Cultural Centre, New Delhi.
- **Life Member**, Indian Society for Technical Education
- **Life Member**, Indian Institute of Industrial Engineering
- **Member** Society of Construction Law
- **Secretary**, GIFT School of Learning Organization and Strategic Transformation, New Delhi, August 2003 to 2005.
- **Director**, Global School of Technology Management and Innovation 2007 to 2010
- **Secretary**, ISTE Jamia Chapter, New Delhi, 2004-2006

## Award and Honours

- **Fellow of AGBA**, 2014, awarded the Fellowship of Academy for Global Business Advancement, the highest award on 21, Nov 2014 at IITD, India
- **Best paper award** "Computer Information Systems-Firm Performance Following IT Outsourcing Decisions", 53<sup>rd</sup>, Annual National Mountain Plains Management Conference Colorado Mesa University, Colorado, USA 2012
- **Represented India**, at Global Development Program 2001, at M S O E, Wisconsin, USA. 2001
- **Awarded Gold Medal** for securing highest marks & first position in M. Sc. Engineering, in the year 1987, AMU, Aligarh, India
- **R**

**ResearchGate** Most read author of Jamia Millia Islamia (several times in 2020)

- **Publons:** top reviewer 2019

### **Teaching Interests**

- Additive Manufacturing
- Industrial Engineering
- Operations Research
- Operations Strategy
- Supply Chain Management
- Creative Problem-Solving
- Production Engineering
- E-Governance
- Managerial Economics

### **Research Interests**

- Additive manufacturing and application
- Supply Chain Management
- Halal Supply Chain Management
- Green Supply Chain Management
- Industry 4.0
- Fly Ash Utilisation Techniques
- Innovation management
- Systems Modelling
- Risk Management
- Technology Management

### **Research Supervision**

#### **PhD awarded:**

- 1) Role of Information Technology in Business Transformation
  - 2) E-Governance in India
  - 3) Assessment and Evaluation of Economic Impacts on India due to use of Alternative Refrigerants
  - 4) Assessment and Evaluation of Technology Absorption and Innovation in Indian Small and Medium Enterprises (SMEs)
  - 5) Management of Thermal Power Plant Performance Parameters
  - 6) Bullwhip effect in Supply Chain Management
  - 7) Green Supply Chain Practices in India
  - 8) Effects of Information Technology Outsourcing on Firms' Performance and Value: An Empirical Study
  - 9) An empirical study of adoption, implementation and usage of Enterprise Systems in the Indian context
  - 10) Freight Transport – Improving Supply Chain through Integrated Transport Planning
-

- 11) Analysis and Modeling of Flexible Manufacturing Systems
- 12) Optimal Design of a Production System
- 13) Flexible Systems in the TQM Context: Role of Computer Simulation.
- 14) Exergy Analysis and Utilization of Wet Ethanol in HCCI engine for Cogeneration and Trigeration Applications
- 15) Perspective Management Systems Standards and Service Chain–Effectiveness & improvements
- 16) Green Practices: A Comparative Study
- 17) Study, Analysis and Evaluation of Critical Success Factors of Green Supply Chain Performance
- 18) Role of Technology Management in Green Practices: Indian perspective
- 19) Computational and Experimental Analysis of Parts in Three-Dimensional Printing
- 20) Product Development/Design Using Rapid Prototype Technique
- 21) Implementing IT-enabled supply chain management – A study of Indian Consumer Packaged Goods sector
- 22) Product Design and Development Using Additive Manufacturing
- 23) A Study on Innovation Management Practice in Indian SME
- 24) Assessment and Measurement of Performance Parameter of Halal Supply Chain
- 25) A Study of Practices for Integration of Sustainability with Innovation for Micro, Small & Medium Scale Manufacturing Enterprises: An Indian Perspective.
- 26) Technology assessment and technology forecasting for Emerging Green Technologies: A Sectoral Approach
- 27) Innovativeness Index for Indian Manufacturing Industry
- 28) Cold supply chain management
- 29) Risk management in Halal Supply Chain
- 30) A multimethod study Measurement and modelling with rapid prototyping

**Ongoing PhDs with research areas:**

- Additive manufacturing in Supply Chain
- Eco-Innovation Management
- Developing very high-pressure sensors
- Additive Manufacturing for Composite
- Relating Work from Home and happiness

**Editorial Responsibilities:**

- Associate Editor: Global Journal of Flexible Systems Management (Springer)
- Associate Editor: Journal of Clinical Orthopaedics and Trauma (JCOT) (Elsevier)
- Associate Editor: MAPAN (Springer)
- Asstt Editor: Global Journal of Enterprise Information System (Springer)
- Editor: Journal for Global Business Advancement (JGBA) (Inderscience)
- Editorial Review Board (IERB) of International Journal of Information Management (IJIM) (Elsevier)
- Editor: Social Sciences and Humanities Open (SSHO) (Elsevier)

**Re**

---

## **viewers of Journal:**

- International Journal of Production Research
- Journal of Cleaner Production
- Journal of Operations Management
- International Journal of Production Planning & Control
- International Journal of Production Economics
- Resources, Conservation and Recycling
- Resource policy
- Supply Chain Management: An International Journal
- International Journal of Advanced Manufacturing
- International Journal of Manufacturing Technology Management
- Benchmarking: An international journal
- Supply chain forum: An international journal
- Journal of Islamic Marketing
- Journal of Modelling in Management
- Decision Sciences
- British Food Journal
- Food Control

## **Research Contributions:**

### **Text Book Published**

- “Handbook of Materials Management”, (2017) published by Prentice Hall of India Ltd., New Delhi, India
- “Industrial Engineering and Operations Research Module on Industrial Engineering.
- “Work System Design and Product Design and Development”, (2008) Indira Gandhi National Open University, New Delhi, India
- Luthra, S., Kumar, S., Garg, D., and Haleem, A. (2013). “Enabling of Green Supply Chain Management Implementation in Indian Manufacturing Industry” by CreateSpace Independent Pub

### **Books Edited**

- “An Update on Medical 3D Printing”, Solubris Medical Publisher ISBN (13) 978-81940274-4-7, (2019)
- “Advances in Global Business Research”, (2014), Proceedings of the 11th Annual World Congress of the Academy for Global Business Advancement (AGBA) (www.agba.us) ISSN 1549-9332
- “Innovation, Flexibility and Technology Transfer”, (2004) published by Tata McGraw Hill Publishing Co Ltd, New Delhi, India
- “Proceedings of the International Conference and Exhibition on Building Utilities 2016” Published by Enriched Publications Pvt Ltd. New Delhi, ISBN:978163535676

### **Contribution in Book writing**

- “
-

Emerging Trends in Technology Management”, (2006) Singhal, Basu & Srivastava published by GIFT Publishing, New Delhi

- “Technology Management in the Indian Steel Industry: A Case Study of SAIL”, (2003) published by Vikas Publishing House, 291-284, New Delhi
- "Globalization, Flexibility and Competitiveness: A Technology Management Perspective", (2001) Kiran Momaya and Sushil
- “System Dynamics for Managers”, (1996), Sushil, published by Wiley Eastern Ltd, New Delhi

## Research Articles Publications, yearwise

### 2021

- ❖ **Haleem A**, Khan S, Luthra S, Varshney H, Alam M, Khan MI. Supplier evaluation in the context of circular economy: A forward step for resilient business and environment concern. *Business Strategy and the Environment*. 2021 6th February.
- ❖ **Haleem A**, Gupta P, Bahl S, Javaid M, Kumar L. 3D scanning of a carburetor body using COMET 3D scanner supported by COLIN 3D software: Issues and solutions. *Materials Today: Proceedings*. 2021 1st January;39:331-7.
- ❖ **Haleem A**, Javaid M. Industry 4.0 and its applications in dentistry. *Indian Journal of Dental Research*. 2020 1st September;31(5):824.
- ❖ Javaid M, **Haleem A**, Singh RP, Suman R. Significant applications of big data in Industry 4.0. *Journal of Industrial Integration and Management*. 2021 Mar 4:1-9.
- ❖ Khan S, **Haleem A**, Khan MI. Assessment of risk in the management of Halal supply chain using fuzzy BWM method. *supply Chain Forum: An International Journal* 2021 2nd January (Vol. 22, No. 1, pp. 57-73). Taylor & Francis.
- ❖ Softa A, Bahl S, Bagha AK, Sehgal S, **Haleem A**, Javaid M. Tissue Engineering and its Significance in Healthcare during COVID-19 Pandemic: Potential Applications and Perspectives. *Journal of Industrial Integration and Management*. 2021 27th January.
- ❖ Arora R, **Haleem A**, Arora PK, Kumar H. Impact of Integrating Artificial Intelligence with IoT-Enabled Supply Chain—A Systematic Literature Review. *Advances in Manufacturing and Industrial Engineering*. 2021:1183-8.
- ❖ Ammar M, **Haleem A**, Javaid M, Walia R, Bahl S. Improving material quality management and manufacturing organizations system through Industry 4.0 technologies. *Materials Today: Proceedings*. 2021; <https://doi.org/10.1016/j.matpr.2021.01.585>
- ❖ Khurana S, **Haleem A**, Luthra S, Huisingh D, Mannan B. Now is the time to press the reset button: Helping India's companies to become more resilient and effective in overcoming the impacts of COVID-19, climate changes, and other crises. *Journal of cleaner production*. 2021 20th January;280:124466.
- ❖ Azeem M, **Haleem A**, Bahl S, Javaid M, Suman R, Nandan D. Big data applications to take up major challenges across manufacturing industries: A brief review. *Materials Today: Proceedings*. 2021 27th February.
- ❖ Singh RP, **Haleem A**, Javaid M, Kataria R, Singhal S. Cloud computing in solving problems of COVID-19 pandemic. *Journal of Industrial Integration and Management*. 2021 25th January.
- ❖ A



- zeem M, **Haleem A**, Javaid M. Symbiotic relationship between machine learning and Industry 4.0: A review. *Journal of Industrial Integration and Management*. 2021 8th February.
- ❖ Rab S, Yadav S, **Haleem A**, Zafer A, Sharma R, Kumar L. Simulation-Based Design Analysis of Pressure Chamber for Metrological Application up to 200 MPa. *Indian Journal of Pure & Applied Physics*. 2021 Feb 24;59:202-5.
  - ❖ Ashima R, **Haleem A**, Bahl S, Javaid M, Mahla SK, Singh S. Automation and manufacturing of smart materials in Additive Manufacturing technologies using Internet of Things towards the adoption of Industry 4.0. *Materials Today: Proceedings*. 2021; <https://doi.org/10.1016/j.matpr.2021.01.583>
  - ❖ Khan S, **Haleem A**, Deshmukh SG, Javaid M. Exploring the impact of COVID-19 pandemic on medical Supply Chain Disruption. *Journal of Industrial Integration and Management*. 2021 19th February.
  - ❖ Suman R, Javaid M, Choudhary SK, **Haleem A**, Singh RP, Nandan D, Ali S, Rab S. Impact of COVID-19 Pandemic on particulate matter (PM) concentration and harmful gaseous components on Indian metros. *Sustainable Operations and Computers*. 2021 19th February.
  - ❖ Gupta N, Bahl S, Bagha AK, Vaid S, Javaid M, **Haleem A**. Nanomedicine Technology and COVID-19 Outbreak: Applications and Challenges. *Journal of Industrial Integration and Management*. 2021 3rd February.
  - ❖ Sajid S, **Haleem A**, Bahl S, Javaid M, Goyal T, Mittal M. Data science applications for predictive maintenance and materials science in context to Industry 4.0. *Materials Today: Proceedings*. 2021 19th February.
  - ❖ Khan S, **Haleem A**. Investigation of circular economy practices in the context of emerging economies: a CoCoSo approach. *International Journal of Sustainable Engineering*. 2021 Jan 13:1-1.
  - ❖ Fatima S, **Haleem A**, Bahl S, Javaid M, Mahla SK, Singh S. Exploring the significant applications of Internet of Things (IoT) with 3D printing using advanced materials in the medical field. *Materials Today: Proceedings*. 2021 18th February.
  - ❖ Bahl S, Bagha AK, Rab S, Javaid M, **Haleem A**, Singh RP. Advancements in Biosensor technologies for medical field and COVID-19 pandemic. *Journal of Industrial Integration and Management*. 2021 27th January.
  - ❖ Chatwani B, Nimesh D, Chauhan K, Shuaib M, **Haleem A**. Current Status, Applications, and Factors Affecting Implementation of Additive Manufacturing in Indian Healthcare Sector: A Literature-Based Review. *advances in Manufacturing and Industrial Engineering 2021* (pp. 1015-1030). Springer, Singapore.
  - ❖ Tanveer MQ, Suhaib M, **Haleem A**. A Retrospective Investigation of Mechanical and Physical Properties of ABS Specimen Developed by Manual Injection Moulding and Fused Deposition Modelling. *In Advances in Electromechanical Technologies 2021* (pp. 965-978). Springer, Singapore.

## 2020

- ❖ **Haleem A**, Javaid M, Vaishya R, Deshmukh SG. Areas of academic research with the impact of COVID-19. *The American Journal of Emergency Medicine*. 2020; 37(7): 1524-1526.
- ❖ **Haleem A**, Javaid M. Medical 4.0 and its role in healthcare during COVID-19 pandemic: A

- review. *Journal of Industrial Integration and Management*. 2020; 5(04):531-45.
- ❖ **Haleem A**, Javaid M. 3D printed medical parts with different materials using additive manufacturing. *Clinical Epidemiology and Global Health*. 2020; 8(1):215-23.
  - ❖ Javaid M, **Haleem A**, Khan S, Luthra S. Different Flexibilities of 3D Scanners and Their Impact on Distinctive Applications: An Analysis. *International Journal of Business Analytics (IJBAN)*. 2020; 7(1):37-53.
  - ❖ Javaid M, **Haleem A**. 3D printed tissue and organ using additive manufacturing: an overview. *Clinical Epidemiology and Global Health*. 2020; 8(2):586-94.
  - ❖ Khan I, **Haleem A**, Javaid M. Analysing COVID-19 pandemic through cases, deaths, and recoveries. *Journal of Oral Biology and Craniofacial Research*. 2020; 10(4):450-69.
  - ❖ **Haleem A**, Javaid M. Industry 4.0 and its applications in dentistry. *Indian Journal of Dental Research*. 2020; 31(5):824.
  - ❖ Shams SA, **Haleem A**, Javaid M. Analyzing COVID-19 pandemic for unequal distribution of tests, identified cases, deaths, and fatality rates in the top 18 countries. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020; 14(5):953-61.
  - ❖ Ali S, Singh RP, Javaid M, **Haleem A**, Pasricha H, Suman R, Karloopia J. A review of the role of smart wireless medical sensor network in COVID-19. *Journal of Industrial Integration and Management*. 2020; 5(04):413-25.
  - ❖ Ariz A, Tasneem I, Bharti D, Vaish A, **Haleem A**, Javaid M. Is additive manufacturing of patient-specific implant beneficial for orthopedics. *Apollo Medicine*. 2020; DOI: 10.4103/am.am\_20\_20.
  - ❖ Javaid M, **Haleem A**. Critical components of Industry 5.0 towards a successful adoption in the field of manufacturing. *Journal of Industrial Integration and Management*. 2020; 5(03):327-48.
  - ❖ Deshmukh SG, **Haleem A**. Framework for Manufacturing in Post-Covid-19 World Order: An Indian Perspective. *International Journal of Global Business and Competitiveness*. 2020; 15:49–60.
  - ❖ **Haleem A**, Khan MI, Khan S, Jami AR. Research status in Halal: a review and bibliometric analysis. *Modern Supply Chain Research and Applications*. 2020; 2(1): 23-41.
  - ❖ **Haleem A**, Khan MI, Khan S. Conceptualizing a framework linking halal supply chain management with sustainability: an India centric study. *Journal of Islamic Marketing*. 2020; <https://doi.org/10.1108/JIMA-07-2019-0149>
  - ❖ **Haleem A**, Javaid M, Vaishya R, Vaish A. Role of Internet of things for health-care monitoring during COVID-19 pandemic. *Apollo Medicine*. 2020; 17(5):55.
  - ❖ Singh RP, Javaid M, **Haleem A**, Vaishya R, Bahl S. Significance of Health Information Technology (HIT) in context to COVID-19 pandemic: Potential roles and challenges. *Journal of Industrial Integration and Management*. 2020; 5(04):427-40.
  - ❖ Rab S, Afzal Javaid M, **Haleem A**, Vaishya R. An update on the global vaccine development for coronavirus. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020; 14(6):2053.
  - ❖ Javaid M, **Haleem A**. Virtual reality applications toward medical field. *Clinical Epidemiology and Global Health*. 2020; 8(2):600-5.
  - ❖ Kushwaha S, Bahl S, Bagha AK, Parmar KS, Javaid M, **Haleem A**, Singh RP. Significant applications of machine learning for COVID-19 Pandemic. *Journal of Industrial Integration*

- and Management*. 2020; 5(04):453-79.
- ❖ Rab S, Javaid M, **Haleem A**, Vaishya R. Face masks are new normal after COVID-19 pandemic. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020; 14(6):1617-9.
  - ❖ Javaid M, **Haleem A**. Exploring smart material applications for COVID-19 pandemic using 4D printing technology. *Journal of Industrial Integration and Management*. 2020; 5(04):481-94.
  - ❖ Haq MI, Khuroo S, Raina A, Khajuria S, Javaid M, Haq MF, **Haleem A**. 3D printing for development of medical equipment amidst coronavirus (COVID-19) pandemic—review and advancements. *Research on Biomedical Engineering*. 2020: <https://doi.org/10.1007/s42600-020-00098-0>
  - ❖ **Haleem A**, Javaid M, Khan IH. Virtual reality (VR) applications in dentistry: an innovative technology to embrace. *Indian Journal of Dental Research*. 2020; 31(4):666.
  - ❖ Imtiaz A, **Haleem A**, Javaid M. Analysing governmental response to the COVID-19 pandemic. *Journal of Oral Biology and Craniofacial Research*. 2020; 10(4):504-13.
  - ❖ Javaid M, **Haleem A**, Singh RP, Haq MI, Raina A, Suman R. Industry 5.0: Potential applications in COVID-19. *Journal of Industrial Integration and Management*. 2020; 5(04):507-30.
  - ❖ Vaishya R, Javaid M, Khan IH, **Haleem A**. Artificial Intelligence (AI) applications for COVID-19 pandemic. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020; 14(4): 337–339
  - ❖ **Haleem A**, Javaid M, Khan RH, Suman R. 3D printing applications in bone tissue engineering. *Journal of Clinical Orthopaedics and Trauma*. 2020; 11: S118-24.
  - ❖ Suman R, Javaid M, Nandan D, Bahl S, **Haleem A**. Electricity Generation Through Water Supply Pipes in High Rise Buildings. *Journal of Industrial Integration and Management*. 2020: <https://doi.org/10.1142/S2424862220500098>
  - ❖ **Haleem A**, Javaid M, Khan IH. Holography applications toward medical field: An overview. *The Indian Journal of Radiology & Imaging*. 2020; 30(3):354.
  - ❖ Bahl S, Javaid M, Bagha AK, Singh RP, **Haleem A**, Vaishya R, Suman R. Biosensors applications in fighting COVID-19 pandemic. *Apollo Medicine*. 2020; 17(3):221.
  - ❖ **Haleem A**, Javaid M, Goyal A, Khanam T. Redesign of Car Body by Reverse Engineering Technique using Steinbichler 3D Scanner and Projet 3D Printer. *Journal of Industrial Integration and Management*. 2020: <https://doi.org/10.1142/S2424862220500074>
  - ❖ Sharma A, Bahl S, Bagha AK, Javaid M, Shukla DK, **Haleem A**. Multi-agent system applications to fight COVID-19 pandemic. *Apollo Medicine*. 2020; 17(5):41.
  - ❖ Javaid M, **Haleem A**, Vaish A, Vaishya R, Iyengar KP. Robotics applications in COVID-19: A review. *Journal of Industrial Integration and Management*. 2020; 5(04):441-51.
  - ❖ Suman R, Nandan D, **Haleem A**, Bahl S, Javaid M. Experimental study of electroless plating on acrylonitrile butadiene styrene polymer for obtaining new eco-friendly chromium-free processes. *Materials Today: Proceedings*. 2020; 28(3): 1575-1579.
  - ❖ Fatma N, **Haleem A**, Javaid M, Khan S. Comparison of fused deposition modeling and color jet 3D printing technologies for the printing of mathematical geometries. *Journal of Industrial Integration and Management*. 2020: <https://doi.org/10.1142/S2424862220500104>
  - ❖ **Haleem A**, Javaid M, Khan IH. Internet of things (IoT) applications in orthopaedics. *Journal of Clinical Orthopaedics & Trauma*. 2020; 11: S105-6.

- ❖ **Haleem A**, Javaid M, Khan S, Khan MI. Retrospective investigation of flexibility and their factors in additive manufacturing systems. *International Journal of Industrial and Systems Engineering*. 2020;36(3):400-29.
- ❖ Sharma A, Bahl S, Bagha AK, Javaid M, Shukla DK, **Haleem A**. Blockchain technology and its applications to combat COVID-19 pandemic. *Research on Biomedical Engineering*. 2020; Doi: [10.1007/s42600-020-00106-3](https://doi.org/10.1007/s42600-020-00106-3)
- ❖ Suman R, Nandan D, **Haleem A**, Bahl S, Javaid M. Comparative study of silicon dioxide and kaolinite ratio for temperature and humidity variations of earth energy enabled cooling system and traditional cooler. *Materials Today: Proceedings*. 2020; 28(3): 1598-1604.
- ❖ Singh RP, Javaid M, **Haleem A**, Vaishya R, Ali S. Internet of Medical Things (IoMT) for orthopaedic in COVID-19 pandemic: Roles, challenges, and applications. *Journal of Clinical Orthopaedics and Trauma*. 2020; 11(4):713-717.
- ❖ Mishra D, **Haleem A**, Javaid M. Analyzing the behaviour of doubling rates in 8 major countries affected by COVID-19 virus. *Journal of Oral Biology and Craniofacial Research*. 2020; 10(4):478-83.
- ❖ Suman R, Javaid M, **Haleem A**, Vaishya R, Bahl S, Nandan D. Sustainability of Coronavirus on different surfaces. *Journal of Clinical and Experimental Hepatology*. 2020; 10(4): 386–390.
- ❖ **Haleem A**, Javaid M, Khan IH, Vaishya R. Significant Applications of Big Data in COVID-19 Pandemic. *Indian Journal of Orthopaedics*. 2020; 54(4): 526–528.
- ❖ Khurana S, Mannan B, **Haleem A**. Analysis of the critical factors for integration of sustainability with lean practices for Indian manufacturing enterprises. *International Journal of Forensic Engineering and Management*. 2020;1(1):116-23.
- ❖ Kumar A, Gulati V, Kumar P, Singh H, Singh V, Kumar S, **Haleem A**. Parametric Investigation of Forming Forces in Single Point Incremental Forming. *Materials Today: Proceedings*. 2020 ; 24:611-7.
- ❖ Javaid M, **Haleem A**. Significant advancements of 4D printing in the field of orthopaedics. *Journal of Clinical Orthopaedics and Trauma*. 2020; 11(4); S485-S490
- ❖ Vaishya R, **Haleem A**, Vaish A, Javaid M. Emerging Technologies to Combat the COVID-19 Pandemic. *Journal of Clinical and Experimental Hepatology*. 2020; 10(4): 409–411.
- ❖ Singh RP, Javaid M, **Haleem A**, Suman R. Internet of things (IoT) applications to fight against COVID-19 pandemic. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020; 14(4): 521–524.
- ❖ **Haleem A**, Javaid M, Vaishya R. Effects of COVID 19 pandemic in daily life. *Current Medicine Research and Practice*. 2020; 10(2): 78–79.
- ❖ Javaid M, **Haleem A**, Vaishya R, Bahl S, Suman R, Vaish A. Industry 4.0 technologies and their applications in fighting COVID-19 pandemic. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2020; 14(4): 419-422.
- ❖ **Haleem A**, Javaid M, Vaishya R, Vaish A. Effects of COVID-19 pandemic in the field of orthopaedics. *Journal of Clinical Orthopaedics & Trauma*. 2020; 11(3): 498–499.
- ❖ **Haleem A**, Javaid M, Vaishya R. 3D printing applications for the treatment of cancer. *Clinical Epidemiology and Global Health*. 2020; 8(4): 1072-1076.
- ❖ **Haleem A**, Javaid M, Khan IH. Internet of things (IoT) applications in Dentistry. *Current Medicine Research and Practice*. 2020; 10(2): 80-81.

- ❖ Javaid M, **Haleem A**. Impact of industry 4.0 to create advancements in orthopaedics. *Journal of Clinical Orthopaedics and Trauma*. 2020; 11(4): S491-S499.
- ❖ Ali A, Soni M, Javaid M, **Haleem A**. A Comparative Analysis of Different Rapid Prototyping Techniques for Making Intricately Shaped Structure. *Journal of Industrial Integration and Management*. 2020; DOI: [10.1142/S2424862219500179](https://doi.org/10.1142/S2424862219500179)
- ❖ **Haleem A**, Sufiyan M. Defining Food Supply Chain Management—A Study Based on a Literature Survey. *Journal of Industrial Integration and Management*. 2020; <https://doi.org/10.1142/S2424862220300021>
- ❖ Javaid M, **Haleem A**. 3D printing applications towards the required challenge of stem cells printing. *Clinical Epidemiology and Global Health*. 2020; 8(3): 862-867.
- ❖ **Haleem A**, Khan S, Pundir H, Jain A, Upadhyay P, Khan MI. Investigating Barriers Toward the Implementation of Circular Economy: A Fuzzy CRITIC Approach. *Journal of Industrial Integration and Management*. 2020:1-33.
- ❖ **Haleem A**, Javaid M, Rab S. Impact of additive manufacturing in different areas of Industry 4.0. *International Journal of Logistics Systems and Management*. 2020;37(2):239-51.
- ❖ **Haleem A**, Vaishya R, Javaid M, Khan IH. Artificial Intelligence (AI) applications in orthopaedics: an innovative technology to embrace. *Journal of Clinical Orthopaedics & Trauma*. 2020; 11: S80-1.
- ❖ Ali S, Choudhary Y, Javaid M, **Haleem A**, Singh RP, Suman R, Rab S. Make-over in the sustainable working platform during COVID-19 pandemic. *Sustainable Operations and Computers*. 2020; 1:8-12.
- ❖ **Haleem A**, Javaid M, Khan IH, Vaishya R. Big data applications in orthopaedics. *Journal of Orthopaedics and Spine*. 2020; 8(1):46.
- ❖ Javaid M, **Haleem A**, Khan IH, Vaishya R, Vaish A. Extending capabilities of artificial intelligence for decision-making and healthcare education. *Apollo Medicine*. 2020; 17(1):53.
- ❖ **Haleem A**, Javaid M, Khan IH. Artificial intelligence (AI) applications in dentistry. *Current Medicine Research and Practice*. 2020; 10(1):36-8.
- ❖ Arora PK, Arora R, **Haleem A**, Kumar H. Application of Additive manufacturing in challenges posed by COVID-19. *Materials Today: Proceedings*. 2020 20th August.
- ❖ Khan S, **Haleem A**, Khan MI. Enablers to Implement Circular Initiatives in the Supply Chain: A Grey DEMATEL Method. *Global Business Review*. 2020 Jun 3:0972150920929484.
- ❖ Khan S, **Haleem A**, Khan MI. Risk management in Halal supply chain: an integrated fuzzy Delphi and DEMATEL approach. *Journal of Modelling in Management*. 2020; <https://doi.org/10.1108/JM2-09-2019-0228>
- ❖ Khan S, **Haleem A**. Strategies to implement circular economy practices: A fuzzy DEMATEL approach. *Journal of Industrial Integration and Management*. 2020; <https://doi.org/10.1142/S2424862220500050>
- ❖ Khan S, Maqbool A, **Haleem A**, Khan MI. Analyzing critical success factors for a successful transition towards circular economy through DANP approach. *Management of Environmental Quality: An International Journal*. 2020; 31(3,): 505-529.
- ❖ Kumar S, **Haleem A**, Qadri MA. Analysis of Firm-Level Innovativeness Indicators. *InRecent Advances in Mechanical Engineering* 2020 (pp. 635-642). Springer, Singapore.
- ❖ Maqbool A, Khan S, **Haleem A**, Khan MI. Investigation of drivers towards adoption of circular

economy: A DEMATEL approach. *InRecent Advances in Mechanical Engineering* 2020 (pp. 147-160). Springer, Singapore.

- ❖ Rab S, Yadav S, **Haleem A**, Zafer A, Sharma R, Kumar L. Design and simulation studies on the development of a high pressure cell up to 1.0 GPa for industrial and scientific metrological application. *Materials Today: Proceedings*. 2020;21:1632-6.
- ❖ Shoeb M, Kumar L, **Haleem A**. An overview of Additive Manufacturing Technologies. *Studies in Indian Place-Names*. 2020 Mar 27;40(10):441-50.
- ❖ Wake N, Pant M, Sheoran A, **Haleem A**, Kumar H. Optimising Parameters of Fused Filament Fabrication Process to Achieve Optimum Tensile Strength Using Artificial Neural Network. *Evergreen*. 2020;7(3):373-81.
- ❖ Vaishya R, Vaish A, **Haleem A**. What is there in the scoring and rating of journals?. *Journal of Clinical Orthopaedics and Trauma*. 2020;11:S684-5.

## 2019

- ❖ **Haleem A**, Javaid M. Additive manufacturing applications in industry 4.0: a review. *Journal of Industrial Integration and Management*. 2019; 4(04):1930001.
- ❖ Javaid M, **Haleem A**. Current status and applications of additive manufacturing in dentistry: A literature-based review. *Journal of oral biology and craniofacial research*. 2019; 9(3):179-85.
- ❖ **Haleem A**, Javaid M. Polyether ether ketone (PEEK) and its manufacturing of customized 3D printed dentistry parts using additive manufacturing. *Clinical Epidemiology and Global Health*. 2019; 7(4):654-60.
- ❖ **Haleem A**, Javaid M, Khan IH. Current status and applications of artificial intelligence (AI) in medical field: an overview. *Current Medicine Research and Practice*. 2019; 9(6):231-7.
- ❖ Javaid M, **Haleem A**. 4D printing applications in medical field: a brief review. *Clinical Epidemiology and Global Health*. 2019; 7(3):317-21.
- ❖ **Haleem A**, Javaid M, Khan IH. Smart sensors applications in orthopedics. *Current Medicine Research and Practice*. 2019; 9(6):246-8.
- ❖ **Haleem A**, Javaid M, Vaishya R. 5D printing and its expected applications in Orthopaedics. *Journal of clinical orthopaedics and trauma*. 2019;10(4):809-10.
- ❖ **Haleem A**, Javaid M. Four-dimensional printing applications in dentistry. *Current Medicine Research and Practice*. 2019; 9(1):41-2.
- ❖ Rab S, Yadav S, Sharma RK, Kumar L, Gupta VK, Zafer A, **Haleem A**. Development of hydraulic cross floating valve. *Review of Scientific Instruments*. 2019;90(8):085102.
- ❖ **Haleem A**, Javaid M. Enablers, Barriers, and Critical Success Factors for Effective Adoption of Color-Jet 3D Printing Technology. *Journal of Industrial Integration and Management*. 2019:1950009.
- ❖ **Haleem A**, Javaid M. Industry 5.0 and its expected applications in medical field. *Current Medicine Research and Practice*. 2019; 9(4):167-9.
- ❖ Khurana S, **Haleem A**, Mannan B. Determinants for integration of sustainability with innovation for Indian manufacturing enterprises: Empirical evidence in MSMEs. *Journal of Cleaner Production*. 2019; 229:374-86.
- ❖ Kumar S, **Haleem A**. Assessing innovativeness of manufacturing firms using an intuitionistic fuzzy-based MCDM framework. *Benchmarking: An International Journal*. 2019.

- ❖ **Haleem A**, Javaid M, Vaishya R. Holography applications for orthopaedics. *The Indian Journal of Radiology & Imaging*. 2019; 29(4):477.
- ❖ **Haleem A**, Javaid M. Expected role of four-dimensional (4D) CT and four-dimensional (4D) MRI for the manufacturing of smart orthopaedics implants using 4D printing. *Journal of Clinical Orthopaedics & Trauma*. 2019; 10: S234-5.
- ❖ **Haleem A**, Khan S, Khan MI. Traceability implementation in food supply chain: A grey-DEMATEL approach. *Information Processing in Agriculture*. 2019 Sep 1;6(3):335-48.
- ❖ Khan S, Khan MI, **Haleem A**, Jami AR. Prioritizing the risks in Halal food supply chain: an MCDM approach. *Journal of Islamic Marketing*. 2019 25th July.
- ❖ Khan MI, Khan S, **Haleem A**. Analysing barriers towards management of Halal supply chain: a BWM approach. *Journal of Islamic Marketing*. 2019 23rd May.
- ❖ **Haleem A**, Khan MI, Khan S. Halal certification, the inadequacy of its adoption, modelling and strategizing the efforts. *Journal of Islamic Marketing*. 2019.
- ❖ Mannan B, **Haleem A**. Modelling Factors of Innovation Management for Its Implementation in MSMEs of Developing Countries: An IRP Approach. *In Globalization and Development 2019* (pp. 183-203). Springer, Cham.
- ❖ **Haleem A**, Javaid M. Expected applications of five-dimensional (5D) printing in the medical field. *Current Medicine Research and Practice*. 2019; 9(5):208-9.
- ❖ **Haleem A**, Javaid M. Polyether ether ketone (PEEK) and its 3D printed implants applications in medical field: An overview. *Clinical Epidemiology and Global Health*. 2019; 7(4):571-7.
- ❖ Javaid M, **Haleem A**. Industry 4.0 applications in medical field: a brief review. *Current Medicine Research and Practice*. 2019; 9(3):102-9.
- ❖ **Haleem A**, Javaid M, Vaishya R, Khan IH. Virtual reality applications in orthopaedics. *Journal of Orthopaedics and Spine*. 2019; 7(2):83.
- ❖ Javaid M, **Haleem A**, Kumar L. Current status and applications of 3D scanning in dentistry. *Clinical Epidemiology and Global Health*. 2019; 7(2):228-33.
- ❖ Gupta P, **Haleem A**, Javaid M. Designing of a Carburettor Body for Ethanol Blended Fuel by using CFD Analysis tool and 3D Scanning Technology. *Journal of Scientific and Industrial Research (JSIR)*. 2019; 78(7): 466-472.
- ❖ **Haleem A**, Javaid M, Vaish A, Vaishya R. Three-dimensional-printed polyether ether ketone implants for orthopedics. *Indian Journal of Orthopaedics*. 2019; 53:377-9.
- ❖ **Haleem A**, Javaid M. 3D scanning applications in medical field: a literature-based review. *Clinical Epidemiology and Global Health*. 2019; 7(2):199-210.
- ❖ **Haleem A**, Javaid M. Future applications of five-dimensional printing in dentistry. *Current Medicine Research and Practice*. 2019; 9(2):85-6.
- ❖ Javaid M, **Haleem A**. Current status and challenges of Additive manufacturing in orthopaedics: an overview. *Journal of clinical orthopaedics and trauma*. 2019; 10(2):380-6.
- ❖ Tanveer MQ, **Haleem A**, Suhaib M. Effect of variable infill density on mechanical behaviour of 3-D printed PLA specimen: an experimental investigation. *SN Applied Sciences*. 2019;1(12):1701.
- ❖ Tanveer MQ, Suhaib M, **Haleem A**. Geometrical Benchmarking evaluation of ProJet 3D printer using proposed simplified 3D Artifact. *Engineering Research Express*. 2019 Nov 25;1(2):025037.

- ❖ Rab S, Yadav S, Zafer A, **Haleem A**, Dubey PK, Singh J, Kumar R, Sharma R, Kumar L. Comparison of Monte Carlo Simulation, Least Square Fitting and Calibration Factor Methods for the Evaluation of Measurement Uncertainty Using Direct Pressure Indicating Devices. *Mapan*. 2019 Sep 1;34(3):305-15.
- ❖ Khan MI, Khan S, **Haleem A**. Using integrated weighted IRP-Fuzzy TISM approach towards evaluation of initiatives to harmonize Halal standards. *Benchmarking: An International Journal*. 2019.
- ❖ Khan S, Khan MI, **Haleem A**. Evaluation of barriers in the adoption of halal certification: a fuzzy DEMATEL approach. *Journal of Modelling in Management*. 2019.
- ❖ **Haleem A**, Mannan B, Luthra S, Kumar S, Khurana S. Technology forecasting (TF) and technology assessment (TA) methodologies: a conceptual review. *Benchmarking: An International Journal*. 2019.
- ❖ Sherwani AF, Asjad M, **Haleem A**. Performance evaluation of solar photovoltaic electricity-generating systems: an Indian perspective. *International Journal of Sustainable Engineering*. 2019;12(1):70-5.
- ❖ Trivedi SK, **Haleem A**. Energy and Exergy Analysis of Wet Ethanol-based HCCI Engine Combined Cycle Cogeneration System. *Energy*. 2019;28(18):379-400.
- ❖ Sufiyan M, **Haleem A**, Khan S, Khan MI. Evaluating food supply chain performance using hybrid fuzzy MCDM technique. *Sustainable Production and Consumption*. 2019; 20:40-57.
- ❖ Mannan B, **Haleem A**. Modelling Factors of Innovation Management for Its Implementation in MSMEs of Developing Countries: An IRP Approach. *In Globalization and Development 2019* (pp. 183-203). Springer, Cham.
- ❖ Javaid M, **Haleem A**, Kumar L. Dimensional Errors During Scanning of Product Using 3D Scanner. *advances in Engineering Design 2019* (pp. 727-736). Springer, Singapore.
- ❖ Kumar S, Luthra S, **Haleem A**, Garg D. Qualitative analysis of drivers of poka-yoke in small and medium enterprises of Indian automobile sector. *International Journal of Process Management and Benchmarking*. 2019;9(2):232-49.

## 2018

- ❖ **Haleem A**, Javaid M. Role of CT and MRI in the design and development of orthopaedic model using additive manufacturing. *Journal of Clinical Orthopaedics and Trauma*. 2018; 9(3):213-7.
- ❖ Javaid M, **Haleem A**. Using additive manufacturing applications for design and development of food and agricultural equipments. *International Journal of Materials and Product Technology*. 2019;58(2-3):225-38.
- ❖ **Haleem A**, Javaid M. 4D printing applications in cardiology. *Current Medicine Research and Practice*. 2018; 8(6):245.
- ❖ **Haleem A**, Javaid M, Vaishya R. Industry 4.0 and its applications in orthopaedics. *Journal of clinical orthopaedics and trauma*. 2018; 10(3):615-6.
- ❖ Javaid M, **Haleem A**. Additive manufacturing applications in orthopaedics: a review. *Journal of clinical orthopaedics and trauma*. 2018; 9(3):202-6.
- ❖ Khurana S, Mannan B, **Haleem A**. A comparative study of practices for integration of sustainability with innovation for micro, small & medium scale manufacturing enterprises (MSMEs) in India and in England. *IOP conference series: materials science and engineering*



2018 Aug (Vol. 404, No. 1, p. 012023).

- ❖ **Haleem A**, Javaid M. Industry 5.0 and its applications in orthopaedics. *Journal of clinical orthopaedics and trauma*. 2019;10(4):807-8.
- ❖ Kumar L, Shuaib M, Tanveer Q, Kumar V, Javaid M, **Haleem A**. 3D scanner integration with product development. *Int J Eng Technol*. 2018;7(2):220-5.
- ❖ **Haleem A**, Javaid M, Saxena A. Additive manufacturing applications in cardiology: a review. *The Egyptian Heart Journal*. 2018; 70(4):433-41.
- ❖ Javaid M, **Haleem A**. Additive manufacturing applications in medical cases: A literature based review. *Alexandria Journal of Medicine*. 2018;54(4):411-22.
- ❖ **Haleem A**, Javaid M, Vaishya R. 4D printing and its applications in orthopaedics. *Journal of clinical orthopaedics and trauma*. 2018; 9(3):275.
- ❖ Khan MI, **Haleem A**, Khan S. Defining halal supply chain management. *supply Chain Forum: An International Journal* 2018 3rd April (Vol. 19, No. 2, pp. 122-131). Taylor & Francis.
- ❖ Saurikhia A, Ahmed S, **Haleem A**, Gangopadhyay S, Khan MI. Evaluating technology management factors for fly-ash utilization in the road sector using an ISM approach. *International Journal of Management Science and Engineering Management*. 2018 3rd April;13(2):108-17.
- ❖ Arora R, **Haleem A**, Farooque JA. Barriers affecting successful technology enablement of supply chain: An Indian perspective. *MS&E*. 2018;330(1):012101.
- ❖ **Haleem A**, Kumar S, Luthra S. Flexible system approach for understanding requisites of product innovation management. *Global Journal of Flexible Systems Management*. 2018; 19(1):19-37.
- ❖ Kumar P, **Haleem A**, Qamar F, Khan U. Analysis of maiden modal shift in coal transportation supply chain using SAP-LAP technique. *International Journal of Logistics Systems and Management*. 2018;30(4):458-76.
- ❖ Kumar S, Luthra S, **Haleem A**, Garg D, Singh S, Mangla SK. An integrated approach to analyze requisites of product innovation management. *International Journal of Business Innovation and Research*. 2018;16(1):36-62.
- ❖ Khan S, **Haleem A**, Khan MI, Abidi MH, Al-Ahmari A. Implementing traceability systems in specific supply chain management (SCM) through critical success factors (CSFs). *Sustainability*. 2018;10(1):204.

## 2017

- ❖ Berwal AK, Kumar S, Kumari N, Kumar V, **Haleem A**. Design and analysis of rooftop grid-tied 50 kW capacity Solar Photovoltaic (SPV) power plant. *Renewable and Sustainable Energy Reviews*. 2017;77:1288-99.
- ❖ **Haleem A**, Khan MI. Towards successful adoption of halal logistics and its implications for the stakeholders. *British Food Journal*. 2017.
- ❖ Kumar H, Moona G, Arora PK, **Haleem A**, Singh J, Kumar R, Kumar A. Monte carlo method for evaluation of uncertainty of measurement in brinell hardness scale. *Indian Journal of Pure & Applied Physics (IJPAP)*. 2017;55(6):445-53.

- ❖ Kumar L, **Haleem A**, Tanveer Q, Javaid M, Shuaib M, Kumar V. Rapid manufacturing: classification and recent development. *International Journal of Advanced Engineering Research and Science*. 2017;4(3):237070.
- ❖ Khan J, **Haleem A**, Husain Z. Barriers to technology transfer: a total interpretative structural model approach. *International Journal of Manufacturing Technology and Management*. 2017;31(6):511-36.
- ❖ Tiwari D, Sherwani AF, Arora A, **Haleem A**. Thermo-economic and multiobjective optimization of saturated and superheated organic Rankine cycle using a low-grade solar heat source. *Journal of Renewable and Sustainable Energy*. 2017; 9(5):054701.
- ❖ **Haleem A**, Kumar V, Kumar L. Mathematical modelling & pressure drop analysis of fused deposition modelling feed wire. *International Journal of Engineering Technology*. 2017;9(4):2885-94.
- ❖ Kumar P, **Haleem A**, Qamar F, Khan U. Modelling inland waterborne transport for supply chain policy planning: An Indian perspective. *Global Journal of Flexible Systems Management*. 2017; 18(4):353-66.
- ❖ Siddiqui F, Raut P, **Haleem A**, Sharma D. Micro Variables Identification for SUPPLY Chain Management Practices in Context of Flexible System in Indian Gas Industry. *Global Journal of Enterprise Information System*. 2017;9(1):42-6.
- ❖ Arora R, **Haleem A**, Information Technology Enabled Supply Chain: A Systematic Literature Review. *International Journal of Advances in Management and Economics*. 2017;6(1):53-8.
- ❖ Arora R, **Haleem A**, Farooque J. Impact of critical success factors on successful technology implementation in Consumer Packaged Goods (CPG) supply chain. *Management Science Letters*. 2017;7(5):213-24.
- ❖ Luthra S, Mangla SK, Kumar S, Garg D, **Haleem A**. Identify and prioritize the critical factors in implementing the reverse logistics practices: a case of Indian auto component manufacturer. *International Journal of Business and Systems Research*. 2017;11(1-2):42-61.

## 2016

- ❖ Kumar S, Duhan M, **Haleem A**. Evaluation of factors important to enhance productivity. *Cogent Engineering*. 2016; 3(1):1145043.
- ❖ Berwal AK, Kumari N, Kaur I, Kumar S, **Haleem A**. Investigating the effect of spectral variations on the performance of monocrystalline, polycrystalline and amorphous silicon solar cells. *Journal of Alternate Energy Sources and Technologies*. 2016; 7(3):28-36.
- ❖ **Haleem A**, Luthra S, Mannan B, Khurana S, Kumar S, Ahmad S. Critical factors for the successful usage of fly ash in roads & bridges and embankments: Analyzing Indian perspective. *Resources Policy*. 2016; 49:334-48.
- ❖ Garg D, Luthra S, **Haleem A**. An evaluation of barriers to implement reverse logistics: A case study of Indian fastener industry. *International Journal of Industrial and Manufacturing Engineering*. 2016; 10(8):1498-503.
- ❖ Kumar S, Luthra S, Govindan K, Kumar N, **Haleem A**. Barriers in green lean six sigma product development process: an ISM approach. *Production Planning & Control*. 2016; 27(7-8):604-20.

- ❖ Luthra S, Garg D, **Haleem A**. The impacts of critical success factors for implementing green supply chain management towards sustainability: an empirical investigation of Indian automobile industry. *Journal of Cleaner Production*. 2016;121:142-58.
- ❖ Kumar S, Luthra S, **Haleem A**. Critical factors important for effective industry-institute interactions: an Indian perspective. *International Journal of the Analytic Hierarchy Process*. 2016;8(1).
- ❖ Mannan B, Khurana S, **Haleem A**. Modeling of critical factors for integrating sustainability with innovation for Indian small-and medium-scale manufacturing enterprises: An ISM and MICMAC approach. *Cogent Business & Management*. 2016;3(1):1140318.
- ❖ Trivedi SK, **Haleem A**. Thermodynamic analysis and utilization of wet ethanol in homogeneous charge compression ignition engine. *International Journal of Sustainable Energy*. 2016;35(1):33-46.
- ❖ Ahmed S, Saurikhia A, **Haleem A**, Gangopadhyay S. Geographical spread of fly ash generation and residual potential for its utilization in India. *International Journal of Innovative Research and Review*. 2016;4(1):8-19.
- ❖ Shuaib M, Khan U, **Haleem A**. Modeling knowledge sharing factors and understanding its linkage to competitiveness. *International Journal of Global Business and Competitiveness*. 2016;11(1):23-36.
- ❖ Kumar L, Tanveer Q, Kumar V, Javaid M, **Haleem A**. Developing low cost 3 D printer. *Int J Appl Sci Eng Res*. 2016;5(6):433-47.
- ❖ Kumar V, Kumar L, **Haleem A**. Rapid prototyping technology ranking using an ANP approach and its sensitivity analysis. *Int J Eng Sci Res Technol (IJESRT)*. 2016;5(9):93-103.
- ❖ **Haleem A**, Khan A, Javaid M. Design and Development of Smart Landline Using 3D Printing. *International Journal*. 2016;4(2):438-47.
- ❖ Luthra S, Kumar S, Garg D, **Haleem A**. Comparative evaluation of GSCM practices in automotive components manufacturing firms of India: a fuzzy TOPSIS approach. *International Journal of Logistics Systems and Management*. 2016;25(3):358-90.
- ❖ Ahmed S, Saurikhia A, **Haleem A**, Gangopadhyay S. Geographical spread of fly ash generation and residual potential for its utilization in India. *International Journal of Innovative Research and Review*. 2016;4(1):8-19.
- ❖ Kumar V, Kumar L, **Haleem A**. Selection of rapid prototyping technology using an ANP based approach. *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*. 2016;13(4):71-8.
- ❖ Khan MI, **Haleem A**. Understanding halal and halal certification & accreditation system: a brief review. *Saudi Journal of Business and Management Studies*. 2016;1(1):32-42.
- ❖ Gautam S, Ahmed S, Ahmed K, **Haleem A**. Development of water consumption benchmark for five star hotels using Delphi's technique. *Water Utility J*. 2016; 13:47-56.
- ❖ Arora PK, **Haleem A**, Singh MK. Design of a Production System Using Simulating Annealing Technique. *Productivity*. 2016;56(4):362.
- ❖ Kumar V, **Haleem A**, Kumar L. Design and development of thermal rapid prototyping machine and its application. *Int J Emerg Technol Eng Res (IJETER)*. 2016;4(2):101-6.
- ❖ Kumar L, Kumar V, **Haleem A**. Rapid Prototyping Technology for New Product Development. *IJISSET-International Journal of Innovative Science, Engineering & Technology*. 2016;3(1):287-92.

- ❖ Kumar S, **Haleem A.** Benchmarking using an index for bullwhip effect mitigation. *Uncertain Supply Chain Management*. 2016;4(2):161-70.

## 2015

- ❖ Luthra S, Garg D, **Haleem A.** An analysis of interactions among critical success factors to implement green supply chain management towards sustainability: An Indian perspective. *Resources Policy*. 2015; 46:37-50.
- ❖ Khan MK, **Haleem A,** Arif M. Modeling Cost Reduction for GSCM Benefits: A SEM Analysis for Automotive Industry in India. *ADVANCES IN MECHANICAL, AUTOMOBILE AND PRODUCTION ENGINEERING*. 2015 Oct 19:90.
- ❖ Khan U, **Haleem A.** Improving to Smart Organization: An integrated ISM and fuzzy-MICMAC modelling of barriers. *Journal of Manufacturing Technology Management*. 2015 6th July.
- ❖ Kumar S, Luthra S, **Haleem A,** Mangla SK, Garg D. Identification and evaluation of critical factors to technology transfer using AHP approach. *International Strategic Management Review*. 2015;3(1-2):24-42.
- ❖ Kumar S, Luthra S, **Haleem A.** Benchmarking supply chains by analyzing technology transfer critical barriers using AHP approach. *Benchmarking: An International Journal*. 2015.
- ❖ Luthra S, Garg D, **Haleem A.** Critical success factors of green supply chain management for achieving sustainability in Indian automobile industry. *Production Planning & Control*. 2015; 26(5):339-62.
- ❖ Kumar S, Duhan M, **Haleem A.** Factors to Enhance Productivity: Defining Sustainable Productivity. *Udyog Pragati* 28 (No. 4)
- ❖ Luthra S, Kumar S, Garg D, **Haleem A.** Renewable Energies in India: Assessing Current Scenario and Future Implications. *Global Sci-Tech*. 2015;7(1):15-22.
- ❖ Kumar S, Luthra S, Garg D, **Haleem A.** Drivers of Poka Yoke in Indian Automobile Industry. *Global Sci-Tech*. 2015;7(2):69-75.
- ❖ Khan KA, **Haleem A,** Arif M. Validating Rationales in Green Supply Chain Management: A SEM Analysis of Scarcity of Resources for Indian Automotive Industry. *Global Sci-Tech*. 2015;7(2):90-8.
- ❖ Javaid M, Kumar L, Kumar V, **Haleem A.** Product design and development using polyjet rapid prototyping technology. *Control Theory Inf*. 2015;5(3):12-20.
- ❖ Kumar S, **Haleem A.** Evaluating bullwhip effect mitigation: an analytical network process (ANP) application. *International Journal of Advanced Research in Engineering Science and Management*. 2015;2(1):1-4.
- ❖ Kumar R, **Haleem A,** Garg SK, Singh RK. Automated guided vehicle configurations in flexible manufacturing systems: a comparative study. *International Journal of Industrial and Systems Engineering*. 2015;21(2):207-26.
- ❖ Kumar S, Singh V, **Haleem A.** Critical success factors of knowledge management: modelling and comparison using various techniques. *International Journal of Industrial and Systems Engineering*. 2015;21(2):180-206.
- ❖ Kumar S, Kumar N, **Haleem A.** Conceptualisation of sustainable green lean six sigma: an empirical analysis. *International Journal of Business Excellence*. 2015 Jan 1;8(2):210-50.

## 2014

- ❖ Khan M, **Haleem A**, Arif M. Validating Rationales in Green Supply Chain Management: A SEM Analysis of Technological Policies for Indian Automotive Industry. *ITSEC International Journal of Engineering Sciences*. 2014;1(1):13-8.
- ❖ Luthra S, Garg D, **Haleem A**. Sustainable purchasing in Indian automobile industry: An ISM approach. *Manufacturing Excellence: Imperatives for Emerging Economies*. 2014:95-108.
- ❖ Garg D, Luthra S, **Haleem A**. An evaluation of drivers in implementing sustainable manufacturing in india: using DEMATEL approach. *International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering*. 2014 Nov 1;8(12):3517-22.
- ❖ Ahmad N, **Haleem A**, Syed AA. Study of reasons for enterprise systems adoption among Indian organizations. *Journal of Enterprise Information Management*. 2014.
- ❖ Luthra S, Garg D, **Haleem A**. Green supply chain management. *Journal of Advances in Management Research*. 2014 29th April.
- ❖ Luthra S, Garg D, **Haleem A**. Empirical analysis of green supply chain management practices in Indian automobile industry. *Journal of The Institution of Engineers (India): Series C*. 2014; 95(2):119-26.
- ❖ Garg D, Luthra S, **Haleem A**. Ranking of performance measures of GSCM towards sustainability: using analytic hierarchy process. *Int J Soc Manag Econ Bus Eng*. 2014 3rd February;8(3):764-70.
- ❖ Khan J, **Haleem A**, Syed AA. Effectiveness of ISO 9001 Standard Clauses and Sub Clauses in Indian Auto Component Manufacturing SMEs. *International Journal of Operations Management and Services*. 2014;4(1):1-6.
- ❖ Khan I, Khan U, **Haleem A**. Corporate social responsibility: Modelling of critical factors using an integrated ISM and Fuzzy-Micmac approach. *International Journal of Global Business and Competitiveness*. 2014;9(1):1-3.
- ❖ Kumar S, Kumar N, **Haleem A**. Contributions in research in the field of innovation management: analysis of critical success factors, benefits and risks. *International Journal of Quality and Innovation*. 2014 Jan 1;2(3-4):310-37.
- ❖ Kumar S, Singh V, **Haleem A**. Knowledge management—enablers and barriers: a questionnaire—based study. *International Journal of Knowledge Engineering and Data Mining*. 2014 1st January;3(1):31-57.
- ❖ Luthra S, Garg D, **Haleem A**. Greening the supply chain using SAP-LAP analysis: a case study of an auto ancillary company in India. *International Journal of Business Excellence*. 2014 Jan 1;7(6):724-46.
- ❖ Kumar S, Luthra S, **Haleem A**. Critical success factors of customer involvement in greening the supply chain: an empirical study. *International Journal of Logistics Systems and Management*. 2014 1st January;19(3):283-310.
- ❖ Kumar S, **Haleem A**. Knowledge management in Indian manufacturing industry: Identification and modeling of enablers. *Data Mining and Knowledge Engineering*. 2014;6(7):298-306.
- ❖ Luthra S, Qadri MA, Garg D, **Haleem A**. Identification of critical success factors to achieve high green supply chain management performances in Indian automobile industry. *International Journal of Logistics Systems and Management*. 2014 1st January;18(2):170-99.

- ❖ Yadav KC, **Haleem A.** Exergy Assessment and Analysis of Thermal Power Plant Process Equipment. *Energy (K)*;6(8):7-271.
- ❖ Kaushik A, Kumar S, Luthra S, **Haleem A.** Technology transfer: enablers and barriers—a review. *International Journal of Technology, Policy and Management*. 2014 1st January;14(2):133-59.

## 2013

- ❖ Kumar S, Luthra S, **Haleem A.** Customer involvement in greening the supply chain: an interpretive structural modeling methodology. *Journal of Industrial Engineering International*. 2013;9(1):6.
- ❖ Agrawal P, **Haleem A.** The impact of the outsourcing of IT on firm performance: An empirical study. *International Journal of Management*. 2013;30(3):121.
- ❖ Arora PK, **Haleem A,** Singh MK. Recent development of cellular manufacturing systems. *Sadhana*. 2013;38(3):421-8.
- ❖ Kumar N, Kumar S, **Haleem A,** Gahlot P. Implementing lean manufacturing system: ISM approach. *Journal of Industrial Engineering and Management (JIEM)*. 2013;6(4):996-1012.
- ❖ Khan J, **Haleem A.** An integrated ISM and fuzzy MICMAC approach for modelling of the enablers of technology management. *Indian Journal of Applied Research*. 2013;3(7):236-42.
- ❖ Kumar S, Kumar N, Luthra S, **Haleem A.** Enablers of lean six sigma implementation in business environment: A review. *growth*. 2013;5:14-6.
- ❖ Luthra S, Garg D, **Haleem A.** Identifying and ranking of strategies to implement green supply chain management in Indian manufacturing industry using Analytical Hierarchy Process. *Journal of Industrial Engineering and Management*. 2013;6(4):930-62.
- ❖ Kumar S, Singh B, Qadri MA, Kumar YS, **Haleem A.** A framework for comparative evaluation of lean performance of firms using fuzzy TOPSIS. *International Journal of Productivity and Quality Management*. 2013;11(4):371-92.
- ❖ Arora PK, **Haleem A,** Singh MK, Kumar H. Proposed model for optimizing production system using CMS. *In Applied Mechanics and Materials* 2013 (Vol. 281, pp. 673-676). Trans Tech Publications Ltd.
- ❖ Arora PK, **Haleem A,** Singh MK, Kumar H. Optimization of Cellular Manufacturing Systems Using Genetic Algorithm: A Review. *In Advanced Materials Research* 2013 (Vol. 622, pp. 60-63). Trans Tech Publications Ltd.

## 2012

- ❖ Ahmad N, **Haleem A,** Syed AA. Compilation of critical success factors in implementation of enterprise systems: a study on Indian organizations. *Global journal of flexible systems management*. 2012;13(4):217-32.
- ❖ **Haleem A,** Sushil, Qadri MA, Kumar S. Analysis of critical success factors of world-class manufacturing practices: an application of interpretative structural modelling and interpretative ranking process. *Production Planning & Control*. 2012;23(10-11):722-34.
- ❖ Siddiqui F, **Haleem A,** Kumar A, Qadri MA. Quantification of Critical Success Factors of Total Quality Management Principles: An Application of Fourier Series Analysis. 2012
- ❖ L

- uthra S, Garg D, **Haleem A**. Implementation of Green Supply Chain Management: A Microscopic Review. *Productivity*. 2012 1st April;53(1):54.
- ❖ Siddiqui F, **Haleem A**, Sharma C. The impact of supply chain management practices in total quality management practices and flexible system practices context: an empirical study in oil and gas industry. *Global Journal of Flexible Systems Management*. 2012 Mar 1;13(1):11-23.
  - ❖ Siddiqui F, **Haleem A**, Sharma C. The impact of supply chain management practices in total quality management practices and flexible system practices context: an empirical study in oil and gas industry. *Global Journal of Flexible Systems Management*. 2012 Mar 1;13(1):11-23.
  - ❖ Luthra S, Garg D, Kumar S, **Haleem A**. Implementation of the green supply chain management in manufacturing industry in India using interpretive structural modeling technique. *BPR Technologia: A Journal of Science, Technology & Management*. 2012;1(1):1-7.
  - ❖ Yadav KC, **Haleem A**. Energy and Exergy Analysis of a CFBC Boiler. *ENERGY*. 2012;1(01):2-8.
  - ❖ Agrawal P, **Haleem A**. Risk Effect of IT Outsourcing On Firm Performance And Value. *International Journal of Management & Information Systems (IJMIS)*. 2012;16(1):55-68.
  - ❖ Khan U, **Haleem A**. Smart organizations: modelling of enablers using an integrated ISM and fuzzy-MICMAC approach. *International Journal of Intelligent Enterprise*. 2012 1st January;1(3-4):248-69.
  - ❖ Siddiqui F, **Haleem A**, Sharma C. Strategic planning of service supply chain using dynamic SAP-LAP model: a case study of a leading gas organization in India. *International Journal of Services, Economics and Management*. 2012 1st January;4(3):169-85.
  - ❖ Trivedi SK, **Haleem A**. Analysis of Cogeneration Based Wet Ethanol Operated HCCI Engine Using First and Second Law of Thermodynamics. *International Journal of Engineering Science and Technology*. 2012;4(4).

## 2011

- ❖ Qadri MA, **Haleem A**, Arif M. Identification of drivers for greening of supply chain in India. *International Journal of Construction Project Management*. 2011;3(3):213.
- ❖ Siddiqui F, **Haleem A**, Sharma C. The Impact of Various Dimensions of SCM Practices in Indian Oil and Gas Sector. *Global Journal of Enterprise Information System*. 2011; 3(4):30-5.
- ❖ Kumar R, **Haleem A**, Garg SK, Singh RK. Performance Optimization of an Imbalanced Flexible Manufacturing System Using Taguchi Approach. *Global Journal of Flexible Systems Management*. 2011;12(1-2):81-9.
- ❖ Arora PK, **Haleem A**, Singh MK, Sharma A. Comparative Study of Heuristic approaches for cell formation. *Int. J. of Engineering Science and Technology*. 2011;3:1182-8.
- ❖ Arora PK, **Haleem A**, Singh MK. Cell formation techniques—a study. *International Journal of Science and Technology*. 2011;3(2):1178-81.
- ❖ Luthra S, Kumar V, Kumar S, **Haleem A**. Barriers to implement green supply chain management in automobile industry using interpretive structural modeling technique: An Indian perspective. *Journal of Industrial Engineering and Management (JIEM)*. 2011;4(2):231-57.

## 2010

- ❖ K

umar RKS R, **Haleem A**, Garg S.K. Simulation Study of Product Mix and AGV issues in FMS. *Industrial Engg Journal*. 2010; 2 (7): 14-20.

- ❖ Luthra S, Kumar V, Kumar S, **Haleem A**. Green supply chain management issues: A literature review approach. *Journal of Information, Knowledge and Research in Mechanical Engineering*. 2010;1(1):12-20.
- ❖ Rathore S, Mallick ZN, **Haleem A**, Khan MN. A Fuzzy Expert System for Illumination-Industrial Worker Performance. *International Journal of Applied Engineering Research*. 2010: 2 (1), 63-74

## 2009

- ❖ Kumar S, Parashar N, **Haleem A**. Analytical hierarchy process applied to vendor selection problem: Small scale, medium scale and large scale industries. *Business Intelligence Journal*. 2009;2(2):355-62.
- ❖ Arif M, Egbu C, **Haleem A**, Kulonda D, Khalfan M. State of green construction in India: drivers and challenges. *Journal of Engineering, Design and Technology*. 2009 10th July.
- ❖ Siddiqui F, **Haleem A**, Wadhwa S. Role of supply chain management in context of total quality management in flexible systems: a state-of-the-art literature review. *Global Journal of Flexible Systems Management*. 2009;10(3):1-4.
- ❖ Arif M, Egbu C, **Haleem A**, Ebohon J, Khalfan MM. Green construction in India: Gaining a deeper understanding. *Journal of architectural engineering*. 2009;15(1):10-3.
- ❖ Lal R, **Haleem A**. A structural modelling for e-governance service delivery in rural India. *International Journal of Electronic Governance*. 2009; 2(1):3-21.

## 2008

- ❖ Mallick Z, Siddiquee AN, **Haleem A**. Mobile computing with special reference to readability task under the impact of vibration, colour combination and gender. *Journal of human ergology*. 2008;37(2):57-66.
- ❖ Khan F, **Haleem A**. Role of technological and people capabilities in India: An empirical study. *Global Journal of Flexible Systems Management*. 2008; 9(2-3):31-9.
- ❖ Haleem A. Flexibility in Business Excellence in Knowledge Economy. *Global Journal of Flexible Systems Management* 2008, 9(1).
- ❖ Kumar S, **Haleem A**. Bullwhip Effect: A Brief Review. *International Review of Mechanical Engineering*. 2008;2(1):20-6.
- ❖ Agrawal VK, **Haleem A**. Globalization and Global Sourcing of IS Function. *Global Journal of e-Business* 2008;4(1):14-24.

## 2007

- ❖ Karimi MN, **Haleem A**. Indian Implementation of Alternative Refrigerant Technology: A Dynamic Analysis. *Global Journal of Flexible Systems Management*. 2007 1st July;8(3):39-48.
- ❖ Mallick Z, Badruddin IA, **Haleem A**, Siddique AN, Tandur KH. Ergonomic evaluation of data entry task performance under the influence of noise and task structure-the effect of gender. *International Journal of Mechanical and Materials Engineering*. 2007;2(2):161-72.



## 2006

- ❖ Karimi MN, **Haleem A.** Business dynamics—A core and alternative technologies in car Air-conditioning sector under Montreal Protocol: An Indian perspective. *Pranjana: The Journal of Management Awareness*. 2006;9(1):29-38.
- ❖ Lal R, **Haleem A**, Khan AR. Bridging the Digital Divide Learning from TARA Heat Project. *Delivering E-government*. 2006:262.

## 2005

- ❖ Agrawal VK, **Haleem A.** Environmental pressures, culture and factors contributing in the usage of various categories of application software. *Global Journal of Flexible Systems Management*. 2005 Apr 1;6(2):31.
- ❖ Agrawal VK, **Haleem A.** Implications of Environmental and Cultural Factors on the Growth in Requirements of In-House Software Professionals. *Indian Journal of Economics and Business*. 2005; 4(1):115.
- ❖ Agrawal VK, **Haleem A.** A cross-impact analysis of the external situation and culture on factors of IT-enabled business transformation. *Global Journal of Flexible Systems Management*. 2005;6(1):21.

## 2004

- ❖ Ram L, **Haleem A**, Rahman KA. Digital divide and digital unity in E-governance: Indian perspective. *Promise of e-Governance operational challenges*. 2004:107-14.

## 2003

- ❖ Agrawal VK, **Haleem A.** The contribution of information technology to critical response activities in business transformation. *National Social Science Journal*. 2003; 20 (1), 1-13
- ❖ Agrawal VK, **Haleem A**, Sushil. Successful implementation of business process reengineering and computer based information systems. *National Social Science Journal*. 2003; 20 (2), 1-16
- ❖ Agrawal VK, **Haleem A.** Culture, environmental pressures, and the factors for successful implementation of business process engineering and computer-based information systems. *Global Journal of Flexible Systems Management*. 2003;4(1/2):27-47.

## 2002

- ❖ Agarwal VK, **Haleem A.** The Role of Information Technology in Business Transformation. *Vision*. 2002
- ❖ Lai R, **Haleem A.** E-governance: an emerging paradigm. *Vision*. 2002;6(2):99-109.

## Publications in Conference Proceedings

1. Imran Khan, M., Khan, S., **Haleem, A.**, & Javaid, M. (2018). Prioritizing Barriers towards Adoption of Sustainable Consumption and Production Practices using TOPSIS. IOP Conference Series: Materials Science and Engineering, 404, 012011. doi: 10.1088/1757-899x/404/1/012011

2. Imran Khan, M., Khan, S., & **Haleem, A.** (2018). Facilitating Fair Trade Practices as a Development Strategy. IOP Conference Series: Materials Science and Engineering, 404, 012009. doi: 10.1088/1757-899x/404/1/012009
3. Khan, S., Imran Khan, M., **Haleem, A.**, & Shuaib, M. (2018). Selection of Traceable Technology in Food Supply Chain. IOP Conference Series: Materials Science and Engineering, 404, 012010. doi: 10.1088/1757-899x/404/1/012010
4. Khan, S., Imran Khan, M., & **Haleem, A.** (2018). Towards Effective Management of Cold Chain: A DEMATEL Approach. IOP Conference Series: Materials Science and Engineering, 404, 012019. doi: 10.1088/1757-899x/404/1/012019
5. **Haleem, A.**, Imran Khan, M., Khan, S., & Hafaz Ngah, A. (2018). Assessing Barriers to Adopting and Implementing Halal Practices in Logistics Operations. IOP Conference Series: Materials Science and Engineering, 404, 012012. doi: 10.1088/1757-899x/404/1/012012
6. Mannan B, Khurana S, **Haleem A**, Technological Innovation challenges and opportunities in India and the developing countries, 2015 Annual IEEE India Conference (INDICON),2015
7. Luthra S, **Haleem A**, Hurdles in implementing sustainable supply chain management: An analysis of Indian automobile sector, Procedia-Social and Behavioral Sciences 189, 175-183, 2015
8. Arora PK, **Haleem A**, Singh MK, Kumar H, Kaushik M, Design of a Production System Using Genetic Algorithm, Procedia Technology 14, 390-396, 2014
9. Kumar S, Luthra S, **Haleem A**, Garg D, Singh S, Understanding requisites of product innovation management: An ISM approach, Journal Advances in Global Business Research- Proceedings of the AGBA, 2014
10. Kumar S, Kumar N, Luthra S, **Haleem A**, Brief Review of Important Enablers of Lean Six Sigma Implementation, International conference on Smart Technologies for Mechanical Engineering, 2013
11. Mannan B, Khurana S, **Haleem A**, Identification and analysis of critical factors of KM in project management: An interpretive structural modelling approach, XVI Annual International conference of Society of Operation Management, 2012
12. Ahmad N, **Haleem A**, Adoption, implementation and usage of enterprise systems: an empirical study, Aligarh Muslim University Aligarh, 2012
13. Kumar S, Khan J, **Haleem A**, Enablers of technology management: An ISM approach, Proceedings of the National Conference on Trends & Advances in Mechanical, 2012
14. Luthra S, Manju KS, **Haleem A**, Suggested implementation of the green supply chain management in automobile industry of India: A review, Proceedings of National Conference on 'Advancements and Futuristic Trends, 2010
15. Arora PK, **Haleem A**, Singh MK, Design of a Cellular Manufacturing System, National Conference on Mechanical Engineering Emerging Trends,2010
16. **Haleem A**, Environment and Organizational Design, Proceedings of Annual 2010 Midwest DSI Meeting in Toledo, Ohio,2010
17. Arora PK, **Haleem A**, Recent development in cellular Manufacturing System: A Review, International Conference on Production and Research and Industrial, 2010

18. **Haleem A**, Automated Guided Vehicle Based Material Handling System in FMS, National Conference on Advances in Mechanical Engineering,2009
19. **Haleem A**, E-Governance in Rural India: An Empirical Study, Seventh European Conference on E-Government, Netherlands,2007
20. **Haleem A**, Vendor Selection Using Analytical Hierarchy Process: An Overview of Small Scale, Medium Scale and Large Scale Industries, International Management Conference on Convergence and Competition,2007
21. **Haleem A**, Avnish K, Sanjay K, Modeling Bullwhip Effect and Understanding the Role of Information Sharing, Flexibility with Business Excellence in Knowledge Economy, Proceedings of 7th Global Conference on Flexible Systems Management, GIOGIFT,2007
22. **Haleem A**, Prioritization of Factors directly involved in the Effective Selection of Buyer-supplier Relations, Third Global Conference on Flexible Systems Management.2004
23. **Haleem A**, Selection of Buyer-Supplier Relationship Framework in Supply Chain, Third Global Conference on Flexible Systems Management,2004
24. **Haleem A**, Effective Management Techniques for Improvement of Condenser Vacuum, Third Global Conference on Flexible Systems Management, 2004
25. **Haleem A**, Role of Information Technology in Supply Chain Management, National World Class Manufacturing Conference, 181-185, 2000
26. **Haleem A**, Technology Management in The Indian Steel Industry: A Case Study of SIL, Proceedings of International Conference on Management of Technology,1998

## Book Chapters

1. **Haleem A**, Javaid M. (2019). What is 3D Printing?. In “*An update on medical 3D printing*” book. (Publisher: Salubris), ISBN Number: 978-81-940274-4-7.
2. **Haleem A**, Javaid M. (2019). Types of Additive Manufacturing Technology. In “*An update on medical 3D printing*” book. (Publisher: Salubris), ISBN Number: 978-81-940274-4-7.
3. Javaid M, **Haleem A**. (2019). 3D Scanning Technologies. In “*An update on medical 3D printing*” book. (Publisher: Salubris), ISBN Number: 978-81-940274-4-7.
4. **Haleem A**, Javaid M. (2019). 3D Printing in Cardiology. In “*An update on medical 3D printing*” book. (Publisher: Salubris), ISBN Number: 978-81-940274-4-7.
5. Javaid M, **Haleem A**. (2019). 4D and 5D Printing. In “*An update on medical 3D printing*” book. (Publisher: Salubris), ISBN Number: 978-81-940274-4-7.
6. Javaid M, **Haleem A**. (2019). 3D Printing in Dentistry and Maxillofacial Surgery. In “*An update on medical 3D printing*” book. (Publisher: Salubris), ISBN Number: 978-81-940274-4-7.
7. Arora, P., **Haleem, A.**, Kumar, H., & Khan, S. (2020). Recent Development in Virtual Cellular Manufacturing System. *Lecture Notes In Mechanical Engineering*, 1-7. [https://doi.org/10.1007/978-981-15-1071-7\\_1](https://doi.org/10.1007/978-981-15-1071-7_1)
8. Arora, P., **Haleem, A.**, Singh, M., Kumar, H., & Singh, D. (2016). Optimal Design of a Production System. *Lecture Notes In Mechanical Engineering*, 697-703. [https://doi.org/10.1007/978-81-322-2740-3\\_67](https://doi.org/10.1007/978-81-322-2740-3_67)
9. Arora, R., **Haleem, A.**, & Arora, P. (2020). Impact of IoT-Enabled Supply Chain—A S

systematic Literature Review. *Proceedings Of International Conference In Mechanical And Energy Technology*, 513-518. [https://doi.org/10.1007/978-981-15-2647-3\\_46](https://doi.org/10.1007/978-981-15-2647-3_46)

10. Gandhi, N., **Haleem, A.**, Shuaib, M., & Kumar, D. (2020). Analysis of Logistical Barriers Faced by MNCs for Business in Indian Smart Cities Using ISM-MICMAC Approach. *Lecture Notes In Civil Engineering*, 571-582. [https://doi.org/10.1007/978-981-15-2545-2\\_47](https://doi.org/10.1007/978-981-15-2545-2_47)
11. Khurana, S., Mannan, B., & **Haleem, A.** (2020). Total Interpretive Structural Modelling of Critical Factors of Sustainable-Oriented Innovation for Indian Manufacturing MSMEs. *Lecture Notes In Mechanical Engineering*, 95-106. [https://doi.org/10.1007/978-981-15-1071-7\\_9](https://doi.org/10.1007/978-981-15-1071-7_9)
12. Mannan, B., Khurana, S., & **Haleem, A.** (2020). Identifying and Modelling of Constructs for Innovation Management of MSMEs: An ISM Approach. *Lecture Notes In Mechanical Engineering*, 135-146. [https://doi.org/10.1007/978-981-15-1071-7\\_13](https://doi.org/10.1007/978-981-15-1071-7_13)
13. Parashar, V., **Haleem, A.**, & Usmani, J. (2019). Performance Analysis of Free Air Cooling Conditioning Chamber (FACCC) to Develop Improved Cold Chain During Transportation of Agricultural Crops in India. *Lecture Notes In Mechanical Engineering*, 451-458. [https://doi.org/10.1007/978-981-13-6577-5\\_43](https://doi.org/10.1007/978-981-13-6577-5_43)
14. Parashar, V., **Haleem, A.**, & Usmani, J. (2020). A Low-Cost Cold Chain Suggestion for Indian Fruit and Vegetable. *Lecture Notes In Mechanical Engineering*, 71-77. [https://doi.org/10.1007/978-981-15-1071-7\\_7](https://doi.org/10.1007/978-981-15-1071-7_7)
15. Shuaib, M., **Haleem, A.**, Kumar, L., Rohan, & Sharma, D. (2019). Design and Analysis of Steering Knuckle Joint. *Lecture Notes In Mechanical Engineering*, 423-431. [https://doi.org/10.1007/978-981-13-6469-3\\_38](https://doi.org/10.1007/978-981-13-6469-3_38)
16. Tanveer, M., Suhaib, M., & **Haleem, A.** (2020). A New 3D Benchmarking Artifact to Evaluate Dimensional Accuracy and Geometric Tolerancing of Additive Manufacturing Technique. *Lecture Notes In Mechanical Engineering*, 261-273. [https://doi.org/10.1007/978-981-15-1071-7\\_22](https://doi.org/10.1007/978-981-15-1071-7_22)
17. Sufiyan, M., **Haleem, A.**, Khan, S., & Khan, M. I. (2019). Analyzing attributes of Food Supply Chain Management- A comparative study. *Advances in Industrial and Production Engineering*. Springer,
18. Khan, S., **Haleem, A.**, & Khan, M. I. (2019). Analyzing challenges towards development of smart city using WASPAS. In *International Conference on Smart Cities-Opportunities and Challenges*
19. Maqbool, A., Khan, S., **Haleem, A.**, & Khan, M. I. (2019). Investigation of Drivers towards adoption of Circular Economy: A DEMATEL approach. In *National Conference on Advances in Mechanical Engineering*
20. Khan, M. I., Khan, S., & **Haleem, A.** (2019). Compensating impact of globalization through fair trade practices. In *Globalization and Development – Entrepreneurship, Innovation, Business and Policy Insights from Asia and Africa*. Springer.
21. Khan, S., Khan, M.I., & **Haleem, A.**, Challenges towards development of Smart Manufacturing. In *Internet of Things (IoT): Concept and Applications*. Springer.

Co

## **Contributions to academic work**

- **Organized International Conference** “Third Global Conference on Flexible Systems Management”, Theme: Technology Transfer, Innovation and Flexibility for Reshaping the world... at Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi, India from 12-15 March’ 2004
- **Editor, E-Mat, Electronic Newsletter** of MBA Program, at Jamia Millia Islamia, New Delhi, 2001 to 2004
- **Conceptualized and Organized**, National Conference on Emerging Trends in Technology Management, GLA, Mathura, 2006,
- **Designed Syllabi of B.E. / B Tech, M. Tech./MBA** for Delhi College of Engineering, Jamia Millia Islamia, IGNOU, G. B. Pant University, NITTR, YMCA, DTU, IGDTU, Aizwal University, Guru Nanak Institute of Management, GNIT, IIT Roorkee and various other universities, engineering and management institutions.
- **Member of Board of Studies** of different departments at different /institutions/ universities, Pantnagar, NITJ, NITTR, Punjab University, G B Pant University, AMU, DTU, NSIT, IGNOU, etc.
- **Member International Advisory Committee** of various international conferences/events like International research conference on Quality, Innovation and Knowledge Management, UAH, Huntsville, USA., Research Conference at the University of Monash Australia, GLOGIFT at Stevens Institute of Technology, USA, GLOGIFT at Singapore, West Indies, etc.
- **Academic Council nominee** for helping them at the various institutional work, in institutions as AMU, DTU, NIT Jaipur, IIITM, NIT Jalandhar, NITTR, Kashmir University, Alia University, GB Pant Engg College, Pantnagar Agricultural University, Pantnagar, IGNOU, University of Delhi, Apeejay, Galgotia, GNIT, Shankara, etc.

## **Few delivered Lectures / Conference Lectures/ Keynote Speech/ Session Chaired**

- Delivered Keynote address at JMI, NITD, YMCA, GB Pant, AMU, PU, NITJ, DTU, lots of private institutions on different areas of Additive Manufacturing
- Keynote address at Galgotia Engg College on Additive Manufacturing and # D Printing during 2019 and 2018
- Session Chair at 17th Global Conference on "Transforming Organizations through Flexible Management" at Delhi School of Management, DTU, New Delhi, India, December 11 – 13, 2017
- Inaugural address on “Integrated System Modelling through ISM and IRP” in TEQIP Sponsored Faculty Development Programme, Department of Mechanical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat (Haryana)-131039, 16th April, 2015.
- Delivered extension lecture on, "Introduction to Six Sigma" in TEQIP-II sponsored programme, two-week FDP on "Automation in Manufacturing (AIM-2015), Department of Mechanical, Production & Industrial Engineering, DTU during 0415 May 2015

- Delivered Lecture on "e-governance" in AICTE sponsored Faculty Development Programme On “Mechatronics & Robotics in Manufacturing Industries”, Department of Mechanical Engineering, Faculty of Engineering & Technology (FET), Jamia Millia Islamia 27th February to 12th March 2015
- Academic Staff College, JMI, Professional Development Program for Senior Faculty on "E-Learning in Higher Education" from 4th January to 9 th January 2010. Organized by UGC-ASC in Collaboration with FTK Centre for Information Technology
- Inaugural address in 11th Annual World Congress of the Academy for Global Business Advancement (AGBA), Indian Institute of Technology Delhi, New Delhi, India on November 20-23, 2014
- Chaired a session 11th Annual World Congress of the Academy for Global Business Advancement (AGBA), Indian Institute of Technology Delhi, New Delhi, India on November 20-23, 2014. Inaugural address on “Flexible Capacity Building in Asia and the Pacific”, on Joint Conference 7th, ICCB and 14th, GLOGIFT, 16th October 2014, Curtin University, Singapore
- Chaired a session Flexible Systems Management in the 7th international conference on contemporary business & 14th global conference on flexible systems management, GLOGIFT'14, Curtin University, Singapore, 17th October 2014.
- Lecture on "Supply Chain Management Processes for Competitive Advantage", at College of Business and technology, 17th February 2012, University of Nebraska, Kearney, USA
- Lecture delivered on “Lean Manufacturing” in the one-day seminar on Advance Industrial Engineering (AIE-2011)” ITS Engineering College, Noida. Special Lecture delivered on “Recent Trends in Supply Chain Management”, at Academic Staff College, JMI, on 12th, September 2011
- Paper presented “Computer Information Systems-Firm Performance Following IT Outsourcing Decisions”, 53rd, Annual National Mountain Plains Management Conference Colorado Mesa University, Colorado USA, 7th October 2011
- Global Institute of Flexible Systems Management (GIFT), New Jersey, USA, June, 2008
- Conference of Non-official Directors of Central Public Sector Enterprises", Department of Public Enterprises Ministry of Heavy Industries and Public Enterprises Government of India, New Delhi, Wednesday, 22nd July 2009, Hall No.4, Vigyan Bhavan, New Delhi.
- Presented paper /participated in the Eight Global Conference on Flexible Systems Management (GIFT) 08 held on June 14-16, 2008 at Stevens Institute of Technology, Hoboken, New Jersey, USA.
- Chaired Technical Session in the All India Seminar on "Ergonomics for Improved Productivity, EIP2009" held at Ergonomics Research Division, Department. of Mech. Engg. Z. H. College of Engg. & Tech. AMU. During November 21-22, 2009
- Lecture delivered on “Lean Manufacturing” in the one-day seminar on Advance Industrial Engineering (AIE-2011)” ITS Engineering College, Noida.
- Special Lecture delivered on "Recent Trends in Supply Chain Management", at Academic Staff College, JMI, on 12th, September 2011