

Profile Page



Name : Dr Lakhwinder Pal Singh Jarangal

Designation : Associate Professor

Department : Industrial & Production Engg.

Qualification : PhD Industrial Engineering (NIT Jalandhar)
M.Tech Industrial Engineering (NIT Jalandhar)
B.Tech Industrial Engineering (REC Jalandhar (PTU))

Address : Department of Industrial and Production Engg
House: B-4 NIT Campus, GT Road Bypass
Jalandhar, Punjab - 144011

Email : singhl@nitj.ac.in

Research Interests :

Human Factors Engineering, Ergonomics, Occupational Health and Safety, Operations and Supply Chain Management

Journal Publications :

| Year | Journal | Publication |
|------|--|---|
| 2017 | Journal of Industrial Safety Engineering. 2017; 4(3): 37–42 p. | Harbir Singh, Lakhwinder Pal Singh, “Musculoskeletal disorder and psychosocial work demands in Insurance industry: A case study |
| 2017 | Journal of Industrial Safety Engineering. 2017; 4(1): 1–4p. | Johny Khajuria, Lakhwinder Pal Singh, Sarbjit Singh, “ A Qualitative Investigation about Awareness of Occupational Health and Safety among Sawmill Workers in the City of Temples, Jammu |
| 2017 | Journal of Industrial Safety Engineering. 2017; 4(1): 10–14 p. | Arjan Singh, Lakhwinder Pal Singh, Arvind Bhardwaj, “Musculoskeletal Discomfort among Grinders Working in Manufacturing Industry |
| 2017 | Journal of industrial safety engineering. 4(2), p19-26., 2017 | Singh, S., Singh, L. P., Development of safety index for small scale manufacturing Industries in Punjab |
| 2017 | International journal of research. (Accepted). 2017 | Singh, S. and Singh, L. P., Prioritization of occupational safety parameters in small scale manufacturing industry- Analytical Hierarchy Process |
| 2016 | Int. J. Machining and Machinability of Materials, Vol. 18, Nos. 1/2, pp 185-199, 2016. | Naresh Kumar*, Anish Sachdeva, Lakhwinder Pal Singh, Himanshu Tripathi (2016), Experimental investigation of effect of roller burnishing process parameters on surface roughness and surface hardness of C40E steel |
| 2015 | Global Journal of Flexible Systems Management, First online: 25 November 2015, pp 1-13. | Lakhwinder Pal Singh and Ravi Teja Challa, Integrated Forecasting Using the Discrete Wavelet Theory and Artificial Intelligence Techniques to Reduce the Bullwhip Effect in a Supply Chain, |
| 2015 | International Journal of Supply and Operation Management, August 2015, volume 2, Issue 2, ISSN 2383-2525, pp.720-747 | Rahul S Mor, Sarbjit Singh, Arvind Bhardwaj and LP Singh, Technological Implementation of Supply Chain Practices in Argi-food Sector- A Review, |

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|------|---|--|
| 2015 | International Journal of the Analytic Hierarchy Process. Vol. 7 Issue 3 2015 ISSN 1936-6744 | Singh H., Singh L P, Singh A., Bilga P S, Evaluation and prioritization of factors affecting energy expenditure of workers engaged in manual material handling using Analytical Hierarchy Process. |
| 2013 | Wyno Academic Journal of Engineering & Technology Research Vol. 1(3), PP. 30-36 May, 2013. | L P Singh, Prevalence of Low Back Injury (LBI) Risk Due To Manual Lifting Tasks Among Small Scale Casting Industry Workers, |
| 2013 | Hindawi Publishing Corporation ISRN Public Health, Volume 1 (3), Article ID 325410, pp:30-36. | Lakhwinder Pal Singh, Arvind Bhardwaj, Deepak Kishore Kumar ,Occupational Exposure to Respirable Suspended Particulate Matter and Lung Functions Deterioration of Steel Workers: An Exploratory Study in India |
| 2013 | IJSSPE, Volume – 4 & Issue – 1, Jan 2013,pp:36-38. | L P Singh, KK Deepak, G S Dhaliwal, An Investigation into Lung Functions of Healthy Engineering Graduates with Yogic Exercise |
| 2013 | IJSSPE, Volume – 4 & Issue – 1, Jan 2013, pp:31-35. | L P Singh, KK Deepak, G S Dhaliwal, An Investigation into Hearing Threshold of Healthy Engineering Graduates |
| 2012 | Int. J. Manufacturing Technology and Management, Vol. 25, Nos. 1/2/3, 2012, pp: 45-59 | L P Singh, Investigation of comfort level and passenger seat design (side lower berth) in sleeper class coaches in Indian trains: an exploratory study |
| 2012 | Noise and Health, Year 2012, Volume 14, Issue 58 [pp. 119-128] | Lakhwinder Pal Singh, Arvind Bhardwaj, Deepak Kishore Kumar, Prevalence Of Permanent Hearing Threshold Shift Among Workers of Indian Iron and Steel Small And Medium Enterprises: A Study. |
| 2012 | Asian Journal of Managerial Science (AJMS) Vol.1 No.1 January - June 2012, pp: 17-23. | Lakhwinder Pal Singh, An Investigation into Work Postures of Workers Engaged in Casting Industry: A Study in India |
| 2012 | IJRMEC Volume2, Issue 3 - March 2012, pp: 66-77. | Dinesh Kumar, L P Singh, Gagandeep Singh, Operational Modeling For Optimizing Surface Roughness In Mild Steel Drilling Using Taguchi Technique |
| 2012 | IJPSS Volume 2, Issue 4, April, 2012. Pp 226-244. | Vikas Monga, Lakhwinder Pal Singh, Arvind Bhardwaj, Harmanpreet Singh, Respiratory Health in Brick Kiln Workers. |
| 2012 | IJPSS Volume 2, Issue 5, may 2012, pp: 129-144. | Vikas Monga, Lakhwinder Pal Singh, Harmanpreet Singh,, An Investigation into Satisfaction Level of Females Employees of Insurance Industry: A Study in India |
| 2011 | International Journal of Advanced Engineering Technology, Vol.VIII/ Issue I/January-March 2011/251-259. | Lakhwinder Pal Singh, Arvind Bhardwaj, KK Deepak, Respirable Suspended Particulate Matter (RSPM) and respiratory symptom among Casting Industry Workers: an exploratory study in Northern India |
| 2011 | International Journal of Advanced Engineering Technology IJAET/ Vol.II/ Issue I/January-March 2011/260-269. | S. Singh, L.P. Singh, A. Bhardwaj; Role of Logistics and Transportation in green supply chain management: An exploratory study of Courier service industry in India |
| 2010 | Ergonomics SA, 2010, 22(1), pp 36-56. | L P Singh, A Bhardwa1, KK Deepak and S Sahu, Small & medium Scale Casting and Forging Industry in India: an ergonomic study |
| 2010 | Noise & Health, January-March 2010, 12:46,37-48. | Lakhwinder Pal Singh, Arvind Bhardwaj, Kishore Kumar Deepak, Occupational exposure in small and medium scale industry with specific reference to heat and noise, |
| 2010 | International Journal of Advanced Engineering Technology, Vol.I/ Issue III/Oct.-Dec.,2010/358-366. | L P Singh, Work Posture Assessment in Forging Industry: An Exploratory Study in India, |
| 2010 | International Journal of Advanced Engineering Technology, IJAET/Vol. I/ Issue III/Oct.-Dec.,2010/339-349. | L P Singh, Risk assessment of Distal Upper extremities Disorders in SMEs vs Large scale Automotive Industry using Strain Index method |

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| 2009 | Industrial Health 2009, 47, 423–430. | Lakhwinder Pal Singh, Arvind Bhardwaj, Kishore Kumar Deepak, Raman Bedi, Occupational Noise Exposure in Small Scale Hand Tools Manufacturing (Forging) Industry (SSI) in Northern India (Field Study), |
| 2009 | International Journal Of Human Geography And Environmental Studies December 2009, Volume 1, Number 1, pp-32-38 | L P Singh, A Bhardwaj, KK Deepak, S Singh, Occupational heat exposure in extreme weather conditions in small and medium enterprises (SME) in India |
| 2009 | International Journal Of Human Geography And Environmental Studies December 2009, Volume 1, Number 1, pp-46-51. | L P Singh, A Bhardwaj, KK Deepak, S Singh, Occupational noise and hearing conservation of industrial workers in casting, forging industry in Northern India |
| 2009 | International Journal of Sustainability Science and Studies, December 2009, Volume 1, Number 1 pp-64-66. | S. Singh, K.S. Bhullar, L.P. Singh, A. Bhardwaj, R. Sharma, and A. Sachdeva, Recycling strategies of trade effluents of a textile processing industry based on physical, chemical and biological treatment in India |
| 2009 | The IUP Journal of Operations Management, Vol. VIII, Nos. 3 & 4, pp. 61-70, August & November 2009. | Lakhwinder Pal Singh, Arvind Bhardwaj, Anish Sachdeva, The Impact of Quality management Tools on Performance: An Exploratory Study on SMEs, |
| 2008 | Journal of Environmental Physiology, 1 (20), pp: 83-92, 2008. | L P Singh, A Bhardwaj, KK Deepak, S Shahu, Evaluation of Work Strain on Workers Working in Small Scale Forging Industry |
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Conference Publications :

| Year | Conference | Publication |
|------|--|---|
| 2018 | Effect of Occupational Factors on Musculoskeletal Disorders of the Insurance Office Employees: A Case Study”. Ergonomics in Caring for People, Chapter 5, 35- 41p, . Springer Nature Singapore Pte Ltd. 2018 | Harbir Singh, Dr. Lakhwinder Pal Singh, Effect of Occupational Factors on Musculoskeletal Disorders of the Insurance Office Employees: A Case Study”. |
| 2017 | 8th International Conference on Applied Human Factors and Ergonomics and its affiliated conferences 8th 2017 241-249. | Amandeep Singh, Lakhwinder Pal Singh, Sarbjit Singh, Harwinder Singh, “A Review Study on Biodynamic Response of Seated Occupants Exposed to Whole Body Vibration |
| 2016 | In Advances in Safety Management and Human Factors (pp. 357-366). Springer, Cham. | Singh, S., Singh, L. P., & Kaur, M. (2016). Analytical Hierarchy Process-Based Methodology for Selection of Safety Parameters in Manufacturing Industry. |
| 2016 | 14th International Conference on Humanizing Work and Work Environment HWWE-2016 ISBN Number: 978-93-83006-81-6 14th 2016 231-235. | Suryansh Sharma, Aashna Nagar, Lakhwinder Pal Singh and Sarbjit Singh, “Low Cost Sanitary Napkins for Health and Hygiene of Remote/ Slum Feminine Population of India |
| 2016 | 14th International Conference on Humanizing Work and Work Environment HWWE-2016 ISBN Number: 978-93-83006-81-6 14th 2016 440-445 | Shruthi Prabhakar, B Bakappa and Lakhwinder Pal Singh , “Humanizing Hassles of Feminine Population due to Risk Involved in their Investment Pattern: A study of South Bangalore |
| 2016 | 14th International Conference on Humanizing Work and Work Environment HWWE-2016 ISBN Number: 978-93-83006-81-6 14th 2016 514-517. | Harbir Singh, Lakhwinder Pal Singh, Satnam Singh and Rajinder Kumar, “A Study of Low Back Flexibility among Insurance Office Employees Using Sit and Reach Test |

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| 2016 | 14th International Conference on Humanizing Work and Work Environment HWWE-2016 ISBN Number: 978-93-83006-81-6 14th 2016 81-86. | Chandrani Choudhuri and Lakhwinder Pal Singh, "Humanizing Education and Work through Soft Skills Coaching |
| 2016 | International Ergonomics Conference on Humanizing Work and Work Environment, HWWE 2016, held in December 2016 at NIT Jalandhar. | Ripudaman Singh, Johny Khajuria, Lakhwinder Pal Singh, Sarbjit Singh, " Environment Friendly Ejector Refrigeration System (ERS) Using Environment Friendly Refrigerant 407c |
| 2016 | National Conference on Advances in Chemical Engineering and Environment held in April 2016 at NIT Jalandhar | Johny Khajuria, Lakhwinder Pal Singh, Sarbjit Singh, " An Ergonomic Evaluation of Musculoskeletal Disorders among the Saw-Filer Workers published in ACEE 2016 |
| 2016 | International Ergonomics Conference on Humanizing Work and Work Environment (HWWE 2016) held in December 2016 at NIT Jalandhar | Johny Khajuria, Lakhwinder Pal Singh, Sarbjit Singh, Arjan Singh, " An Ergonomic Investigation in Occurrence of Musculoskeletal Disorders among the Saw-Mill Workers |
| 2016 | 14th International Conference on Humanizing Work and Work Environment HWWE-2016 ISBN Number: 978-93-83006-81-6 14th 2016. | Singh, S., Singh, L. P., (2016). Selection of occupational safety factors related to small scale manufacturing industry. r |
| 2016 | National Conference on Advances in Chemical Engineering and Environment held in April 2016 at NIT Jalandhar | Arjan Singh, Lakhwinder Pal Singh, Arvind Bhardwaj, "Assessment of COPD in grinding workers of manufacturing industry |
| 2016 | International Ergonomics Conference on Humanizing Work and Work Environment (HWWE 2016) held in December 2016 at NIT Jalandhar, | Arjan Singh, Lakhwinder Pal Singh, Arvind Bhardwaj, Johny Khajuria, " Effect of exposure to dust on lung function of grinding workers in manufacturing industry |
| 2016 | International Conference on Energy, Environment and Economics (ICEEE-2016), 16-18 august 2016, Heriot – Watt University, Edinburgh, United Kingdom. | Dr L P Singh and Yogesh Kumar, "Exploring Potential for solar photovoltaic park: A case study on Madhya Pradesh State of India |
| 2015 | In HWWE 2015 hosted by IIT Bombay and NITIE Mumbai and PEC Chandigarh during December 06-09, 2015. | Dr L P Singh and Harbir Singh, "Assessment of work postures and musculoskeletal disorders among Insurance office employees: a case Study |
| 2015 | HWWE 2015 hosted by IIT Bombay and NITIE Mumbai and PEC Chandigarh during December 06-09, 2015 | L P Singh and Satnam Singh," AHP-Based Methodology for Selection of Safety Parameters in Manufacturing Industry |
| 2015 | HWWE 2015 hosted by IIT Bombay and NITIE Mumbai and PEC Chandigarh during December 06-09, 2015 | Satnam Singh, Dr L P Singh, Rajinder Kumar Moom, Harbir Singh, presented a paper titled "Use of Content validity index for selection of occupational safety factors for workers in manufacturing industry |
| 2015 | 6th International Conference on Applied Human Factor and Ergonomics (AHFE-2015), Procedia Manufacturing 3 (2015) 6624-6631 | Rajinder Kumar Moom, Dr. Lakhwinder Pal Singh, Neelam Moom "Prevalence of Musculoskeletal Disorder among Computer Bank Office Employees in Punjab (India): A Case Study |
| 2014 | International Ergonomics Conference HWWE-2014, at IIT Guwahati | Lakhwinder Pal Singh, Amandeep Singh, Assessment of Occupational Heat Stress and Whole Body Vibration Exposure in Textile Processing Unit: A Case Study |
| 2014 | HWWE-2014, IIT Guwahati | Arjan Singh *, Lakhwinder Pal Singh, A meticulous review of respiratory health & dust exposure among cement industry workers and interventions to improve health, |
| 2014 | HWWE-2014, IIT Guwahati | Dr L P Singh, An Investigation into work related MSD of Nurses Engaged in Hospitals: A Study in Northern India, HWWE-2014 |

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| 2014 | HWWE-2014, IIT Guwahati | Johny Khajuria , Lakhwinder Pal Singh , Ayaz Ahmed, Investigation and analysis of latency response of mobile users: a case study of an institute, HWWE-2014 |
| 2014 | HWWE-2014, IIT | Mahipal Singh, Dr. L.P. Singh, Manjinder Bajwa, A Comprehensive Survey On Latest Research Trends In Cognitive Ergonomics, International Ergonomics Conference. |
| 2014 | Isahp Article: Mu, Saaty/A Style Guide For Paper Proposals To Be Submitted To The International Symposium Of The Analytic Hierarchy Process 2014, Washington D.C., U.S.A, pp-1-10 | Harwinder Singh, Amandeep Singh, Paramjit Singh Bilga, Lakhwinder Singh, Assessment of Energy Expenditure of Workers By Using ‘AHP’: A Case Study Of Process Industry, |
| 2013 | World Academy of Science, Engineering and Technology, International Science Index Issue e 84, December 2013, Melbourne, PISSN 2010-276x, EISSN 2010-3778, pp 1047-51. | Lakhwinder Pal Singh, Green Supply Chain management practices and Scenario in India: a Review, |
| 2013 | CPIE-2013, and March 29-31, 2013 | Lakhwinder pal Singh, Analysis of Lifting Tasks in Small scale Casting Industry using NIOSH Lifting Equation, |
| 2012 | BEATS 2012 2nd International Conference on Biomedical Engineering and Assistive Technologies 6-7 December 2012, Jalandhar, INDIA. | L P Singh, KK Deepak, G S Dhaliwal, An Investigation into Lung Functions of Healthy Engineering Graduates with Yogic Exercise |
| 2012 | BEATS 2012 2nd International Conference on Biomedical Engineering and Assistive Technologies 6-7 December 2012, Jalandhar, INDIA. | L P Singh, KK Deepak, Arvind Bhardwaj and G S Dhaliwal An Investigation into Brainstem Auditory Evoked Potential Response (Latency Time) among Casting & Forging Industry Workers vs. Controls |
| 2012 | BEATS 2012 2nd International Conference on Biomedical Engineering and Assistive Technologies 6-7 December 2012, Jalandhar, INDIA. | L P Singh, KK Deepak, G S Dhaliwal, An Investigation into Hearing Threshold of Healthy Engineering Graduates |
| 2012 | Proceedings to the 4th Applied Human Factors and Ergonomics (AHFE) International Conference. San Francisco, California, U.S.A (21-25 July, 2012). | Lakhwinder Pal Singh, “An Investigation into Blood Pressure of Blue collar workers of Casting and Forging SMEs: A study in India |
| 2012 | Proceedings to the 4th Applied Human Factors and Ergonomics (AHFE) International Conference. San Francisco, California, U.S.A (21-25 July, 2012) | Lakhwinder Pal Singh, Amanpreet Singh, Supreet Kaur, “Work Posture Assessment of Computer Users using CARULA |
| 2012 | Proceedings of BEATS-2012, ISBN-13:978-81-925454-1-7. | Lakhwinder Pal Singh, KK Deepak and Arvind Bhardwaj. “An investigation into Brainstem Auditory Evoked Potential among Steel Workers |
| 2012 | Proceedings of BEATS-2012, ISBN-13:978-81-925454-1-7 | Lakhwinder Pal Singh, KK Deepak and Arvind Bhardwaj. “An investigation into Lung Functions of young engineering graduates with yogic Exercises |
| 2012 | Proceedings of BEATS-2012, ISBN-13:978-81-925454-1-7 | Lakhwinder Pal Singh, Arvind Bhardwaj and Gurmej Singh Dhaliwal. “An investigation into Hearing Threshold of young engineering graduates with yogic Exercises |
| 2011 | 57th Annual Conference of Association of Physiologists and Pharmacologists of India, December 13 - 17, 2011, AIIMS, New Delhi, INDIA. | Lakhwinder Pal Singh, Dr Kishore Kumar Deepak, Dr Arvind Bhardwaj, Cardiac Autonomic Tone of Workers Engaged in Casting and Forging Industry : A study in India |
| 2010 | International Conference on Biomedical Engineering and Assistive Technologies (BEATs-2010) 17-19 December, 2010, NIT Jalandhar. | L P Singh, A Bhardwaj, KK Deepak, Increased Autonomic Controls in Workers Engaged in Forging Industry, |

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| 2010 | 2nd International Conference on Production and Industrial Engineering (CPIE-2010), NIT Jalandhar | L P Singh, A Bhardwaj, Investigation of comfort level and passenger seat design (lower side berth) in sleeper class coaches in Indian trains: An exploratory study |
| 2010 | 3rd INTERNATIONAL CONGRESS OF ENVIRONMENTAL RESEARCH, September 16-18, 2010, University of Mauritius, Reduit, Mauritius. | L P Singh, Respirable dust exposure and respiratory symptom in Casting Industry: an exploratory study in Northern India |
| 2010 | International Conference on Sustainability, Human Geography and Environmental Studies December, ICSHGES-6-8 November 2009, pp; 144-150. | L P Singh Occupational noise and hearing conservation of industrial workers in casting, forging industry in Northern India |
| 2009 | International Conference on Sustainability, Human Geography and Environmental Studies December, ICSHGES-6-8 November 2009, pp; 144-150. | L P Singh Occupational noise and hearing conservation of industrial workers in casting, forging industry in Northern India |
| 2009 | International Ergonomics Conference, HWWE Humanizing Work and Work Environment 17th –19th December, 2009, University College of Science and Technology, University of Calcutta. | L P Singh, Occupational safety and use of Personal Protective Equipment (PPEs) in Casting and Forging SMEs: an exploratory study |
| 2008 | International Ergonomics Conference HWWE-08 proceeding © 2008 Vishavkarma Institute of Technology, Pune, India.43-51, 2008 | Lakhwinder Pal Singh, Arvind Bhardwaj, Aashim Sareen, Finding risk of distal upper extremities disorders in forging industry using Strain Index method |
| 2008 | International Ergonomics Conference HWWE-08 proceeding © 2008 Vishavkarma Institute of Technology, Pune, India. 52-57, 2008. | Ali Haider Rizvi, Lakhwinder Pal Singh, Arvind Bhardwaj, Human integration matrix to apply human systems integration in developing of new products |
| 2007 | PICMET 2007 Proceedings, 5-9 August, Portland, Oregon - USA © 2007 PICMET, pp;2031-2037 | Lakhwinder Pal Singh, Dr. A Bhardwaj and A Shachdeva, Impact of ISO Implementation on output parameters in SMEs in India |
| 2006 | Portland international conference on management of Engineering and Technology PICMET-06, 09-13 July,2006, pp; 2393-2399. | Lakhwinder Pal Singh, Dr. A Bhardwaj and A Sachdeva, Quality management practices V/S Performance of SMEs (an empirical study of Indian Industries) |
| 2005 | Proceedings of 14th ISME International Conference on Mechanical Engineering in Knowledge Age, Dec 12-14, 2005, PP: 350-355 | Lakhwinder Pal Singh, Arvind Bhardwaj and Anish Sachdeva, “The impact of Various Productivity Improvement Techniques on Output Parameters in SME’s |
| 2004 | Proceedings of 4th Global Conference on Flexible System Management (Dec, 26-29, 2004), PP: 300-306 | Lakhwinder Pal Singh, Anish Sachdeva, Arvind Bhardwaj, “Lean Manufacturing” A changing paradigm in the Manufacturing World |
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Book/Chapter Publications :

| Type | Title | Publisher | Authors | ISBN/ISS N No. | Year |
|------|-------|-----------|---------|----------------|------|
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| Book Chapter (International) | A Review Study on Biodynamic Response of Seated Occupants Exposed to Whole Body Vibration in | | Amandeep Singh, Lakhwinder Pal Singh, Sarbjit Singh, Harwinder Singh | Springer International Publishing AG. Part of Springer Nature. Online ISBN 978-3-319-60828-0 | 2017 |
| Book (International) | Work study and Ergonomics | Cambridge University Press is part of the University of Cambridge. | Lakhwinder Pal Singh | ISBN 978-1-107-50336-6 (pbk.). | 2016 |
| Book Chapter (International) | Analytical Hierarchy Process-Based Methodology for Selection of Safety Parameters in Manufacturing Industry in Advances in Safety Management and Human Factors | Springer, Cham, Online ISBN 978-3-319-41929-9. | Satnam Singh, Lakhwinder Pal Singh and Mandeep Kaur | ISBN 978-3-319-41929-9. | 2016 |
| Book (National) | Human Factor Engineering | | Lakhwinder Pal Singh, Arvind Bhardwaj | Galgotia Publications, ISBN : 978-81-75157-32-3 | 2013 |
| Ref. Book (International) | Productivity Improvement Measures and Performance of SMEs | LAP LAMBERT Academic Publishing (2012), | Lakhwinder Pal Singh, Arvind Bhardwaj, Anish Sachdeva | ISBN:978-3659-11436-6 | 2012 |
| Ref. Book (International) | Satisfaction Level and Stress among the Insurance Industry Employees | LAP LAMBERT Academic Publishing (2012), | Lakhwinder Pal Singh, Harmanpreet Singh | ISBN:978-3-659-12815-8 | 2012 |
| Book Chapter (International) | An Investigation into Blood Pressure of Blue collar workers of Casting and Forging SMEs: A study in India | Taylor & Francis (2012) CRC Press, Pages 241-249, | Lakhwinder Pal Singh | ISBN-978-1-4398-7038-9 | 2012 |
| Book Chapter (International) | Work Posture Assessment of Computer Users using CARULA | Taylor & Francis (2012) CRC Press, Print | Lakhwinder Pal Singh, Amanpreet Singh, Supreet Kaur | ISBN: 978-1-4398-7024-2, Pp 249-257. | 2012 |

Research Projects :

| Role | Project Type | Title | Funding Agency | From | To | Amount | Status | Co-Investigator |
|------|--------------|-------|----------------|------|----|--------|--------|-----------------|
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| Dr Lakhwinder Pal Singh | Research | Investigation of Biodynamic Responses Among Indian Tractor Operators Exposed to Whole Body Vibration | The institution of Engineers India | 2016-2017 | 2017-2018 | 75000 | on going | |
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Events Organized :

| Category | Type | Title | Venue | From | To | Designation |
|------------|---------------|---|---------------------------------|-------------|-------------|-----------------------------------|
| STC | National | MHRD/AICTE sponsored summer school on "Supply Chain management: Issues and Challenges" | Dr. B R Ambedkar NIT Jalandhar | 13-07-2009 | 17-07-2009 | Coordinator. |
| STC | National | Organised AICTE/MHRD Sponsored one week Summer School on "Enhancing Competitiveness in manufacturing and Service Organisations" | Dr. B R Ambedkar NIT Jalandhar. | 20-07-2009 | 24-07-2009 | Co-Coordinator |
| Conference | International | Organized BRICS Meeting of Ergonomics Societies, from Dec 8-11, 2016 | Dr. B R Ambedkar NIT Jalandhar | 08-Dec-2016 | 11-Dec-2016 | Coordinator |
| Conference | International | 4th International Conference on Production and Industrial Engineering (CPIE-2016) | Dr B R Ambedkar NIT Jalandhar | 19-Dec-2016 | 21-Dec-2016 | Co-convenor |
| Conference | International | Organized 14th International of Indian Society of Ergonomics and International Ergonomics Association on Humanizing Work and Work Environment (HWWE-2016) as Co-Chair and Organizing Secretary, from Dec 8-11, 2016 | Dr. B R Ambedkar NIT Jalandhar | 08-Dec-2016 | 11-Dec-2016 | Co-chair and Organizing Secretary |

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|----------------------|---------------|--|-----------------------------------|----------------|---------------|----------------------------|
| Conference | International | 3rd International Conference on Production and Industrial Engineering (CPIE-2013) | Dr. B R Ambedkar NIT Jalandhar | 10-Mar-2013 | 12-Mar-2013 | Joint organizing secretary |
| Conference | International | 2nd International Conference on Production and Industrial Engineering (CPIE-2010) | Dr. B R Ambedkar NIT Jalandhar | 01-Dec-2010 | 03-Dec-2010 | Joint Organizing Secretary |
| Conference | International | 1st International Conference on Production and Industrial Engineering (CPIE-2010) | Dr. B R Ambedkar NIT Jalandhar | March 10, 2007 | March 12,2007 | Treasurer |
| STC | National | Organised TEQIP sponsored STC on "Recent Advances in Industrial Engineering" from July 8-12, 2013 as a Coordinator | Dr. B R Ambedkar NIT Jalandhar | 08-Jul-2013 | 12-Jul-2013 | Coordinator |
| STC | National | Organised TEQIP sponsored STC on "Human Factors Engineering" from July1-5, 2013 as a Co-ordinator | Dr. B R Ambedkar NIT Jalandhar | 01-Jul-2012 | 05-Jul-2013 | Coordinator |
| Student Symposium | National | Students Symposium "INNOVESTA-2017) | Dr B R Ambedkar NIT Jalandhar | 08 Nov, 2017 | 09 Nov, 2017 | Coordinator |
| Conference | International | Annual General Body Meeting of Indian Society of Ergonomics during HWWE-2016 | Dr. B R Ambedkar NIT Jalandhar | Dec 10, 2016 | Dec 10,2016 | Organizing Secretary |
| Yoga Day Celebration | International | International Yoga day | Dr B R Ambedkar NIT Jalandhar | 21-06-2015 | 21-06-2015 | Coordinator Yoga Club |

Professional Affiliations :

| Designation | Organization |
|-------------|---|
| Life Member | 1. Life Member of The association of Physiologists and Pharmacologists of India since 16th Dec. 2011. |
| Life Member | "International Association of Engineers (IAENG) since March 13, 2010. Vide LM No. 105833 |
| Life Member | The Indian Society of ergonomics since May 10, 2010. Vide LM No. L233-20 March 09. |
| Life Member | GIFT Society vide membership No. N0102025 |
| Life member | Institution of Industrial Engineering (IIIE), LM-10788 (99). |
| Life member | Institution of Engineering India (IEI) M1569842 w.e.f. 31-01-2017 |
| Life member | ISTE vide membership No. LM 29165 since September 9th, 2013 |

Admin. Responsibilities :

| Position Held | Organization | From | To |
|---------------|--------------|------|----|
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|---|-------------------------------|-------------|------------|
| Dy. Chairman Cultural Affairs | Dr B r Ambedkar NTI Jalandhar | 2008 | 2015 |
| Faculty Advisor, Yoga and Meditation Club | Dr B R Ambedkar NIT Jalandhar | April, 2015 | June,2016 |
| Coordinator, Innovation Club | Dr B R Ambedkar NIT Jalandhar | 20-02-2017 | Till date |
| Coordinator safety | Dr B R Ambedkar NIT Jalandhar | 20-05-2015 | till date |
| Faculty Advisor, Central Workshop | Dr b R Ambedkar NIT Jalandhar | 20-02-2017 | 08-02-2018 |
| Warden H-4 | Dr B R Ambedkar NIT Jalandhar | 20-07-2005 | 03-10-2006 |
| Coordinator, NSS | Dr B R Ambedkar NIT Jalandhar | 17-08-2016 | 20-09-2017 |
| Assistant proctor | Dr B R Ambedkar NIT Jalandhar | 01-02-2011 | 20-07-2005 |