

1.	Name in Block Letters	:	DR. KANWARPREET SINGH
2.	Father's Name/Mother's Name	:	S. Kuljit Singh / Mrs. Ravinderpal Kaur
3.	Department	:	Department Of Mechanical Engineering
4.	Current Designation & Grade Pay:	:	Assistant Professor (Stage 3) / Rs. 15600-39100 (G.P. Rs. 8000/-) Academic Level: 12
5.	Date of Last Promotion	:	1 July 2017
6.	Date of Eligibility for promotion	:	30 June 2020
7.	Date of Place of Birth	:	Patiala, Punjab
8.	Sex	:	Male
9.	Marital Status	:	Married
10.	Nationality	:	Indian
11.	Indicate whether belongs to SC/ST/OBC Category	:	N.A (General Category)
12.	Address for correspondence (with Pincode)	:	53, Dhaliwal Colony, Near Jagdish Ashram, Patiala (Pincode : 147001), Punjab
13.	Permanent address (with Pincode)	:	53, Dhaliwal Colony, Near Jagdish Ashram, Patiala (Pincode : 147001), Punjab
	Telephone No.	:	0175-2217968, 98556-44430
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Examination	Name of the Board/University	Year of Passing	Percentage of Marks obtained	Division Class/Grade	Subject
Matric (10th)	C.B.S.E. Delhi	May1998	(66.6%)	First Class	Science, Mathematics, SST, English, Hindi, Punjabi
10+2	Punjab School Education Board (PSEB), Mohali	May 2000	(63.3%)	First Class	Non Medical (Physics, Chemistry, Maths, English, Punjabi)
Degree (B.Tech)	Punjab Technical University (PTU), Jalandhar	June 2004	(65.6 %)	First Class	Mechanical Engineering
Master Degree (M.E)	Thapar Institute of Engineering & Technology (T.I.E.T), Patiala. (Deemed University)	June 2006	(C.G.P.A.-7.70)	First Class	CAD/CAM & ROBOTICS

Degree	Title	Date of Award	University
Ph.D.	Manufacturing Performance Enhancement through Total quality management and Total productive maintenance paradigms	Notification of PHD on 12/11/13 and Awarded Ph.D. degree on 28/11/13	University College Of Engineering, Punjabi University, Patiala, Punjab, India.

Designation	Name of Employer	Date of Joining		Salary with Grade	Reason for Leaving
		Joining	Leaving		
Lecturer (Contract)	Baba Banda Singh Bahadur Engineering College Fatehgarh Sahib, Punjab, India	20 Feb, 2006	30 June, 2007	14000/- (Consolidated)	NIL
Lecturer (Regular)	Baba Banda Singh Bahadur Engineering College Fatehgarh Sahib, Punjab, India	1 July, 2007	18 Aug, 2009	8000-275-13500	Selection at Punjabi University, Patiala

Designation	Department	Date of Actual Joining		Grade
		From	To	
Assistant Professor	Mechanical Engineering Department University Of Engineering, Punjabi University, Patiala, Punjab, India.	1 July, 2007 (01.07.2007 to 18.08.2009, BBSBEC, F. SAHIB (PREV. SERVICE COUNTED) 19.08.2009 to 30.06.2012 PBI. UNIV. PTA.	30 June 2012	Rs. 8000-275-13500 (Pre-revised) Rs. 15600-39100 with (G.P. Rs. 6000/) (Revised Scale)
Assistant Professor (Stage II)	Mechanical Engineering Department, Punjabi University Patiala	1 July 2012	30 June 2017	Rs. 15600-39100 + Rs. 7000 AGP
Assistant Professor (Stage III)	Mechanical Engineering Department, Punjabi University Patiala	1 July 2017	Till date	Rs. 15600-39100 + Rs. 8000 AGP

RESEARCH PUBLICATIONS

Publications in Refereed International Journals

1. Kanwarpreet Singh and Inderpreet Singh Ahuja (2012), "Justifying TQM-TPM Implementation in Manufacturing Organizations using AHP: A Decision Making Approach under Uncertainty", International Journal of Productivity and Quality Management (IJPQM), Vol. 10, No. 01, pp. 69 – 84. (ISSN-Online: 1746-6482, ISSN-Print: 1746-6474) (INDERSCIENCE)
2. Amandeep Singh, Pragat Singh, Kanwarpreet Singh and Doordarshi Singh (2012) , " Analyze the Manufacturing Flexibility of Manufacturing Organizations using AHP ", Management Today, Vol. 2, No. 2, pp. 24-31.
3. Pardeep Singh Bajwa, Kanwarpreet Singh and Doordarshi Singh (2012), " To Discuss The Effect Of Suppliers' Involvement, Operational Capabilities & Sourcing Practices On Supply Chain Flexibility", International Journal Of Research In Computer Application & Management , Volume No. 2, Issue No. 11, Pp. 136-140.
4. Kanwarpreet Singh and I.P.S. Ahuja (2012), "Transfusion of Total Quality Management and Total Productive Maintenance: A Literature Review", International Journal of Technology, Policy and Management (IJTPM), Vol. 12, No. 4, pp. 275 – 311. (ISSN-Online: 1741-5292, ISSN-Print: 1468-4322) (INDERSCIENCE)

5. Mandeep Kaur, Kanwarpreet Singh and Inderpreet Singh Ahuja (2013), “An evaluation of the synergic implementation of TQM and TPM Paradigms on Business Performance”, *International Journal of Productivity and Performance Management (IJPPM)*, Vol. 62, No. 1, pp. 66 – 84. (ISSN-Online: 1741-0401) (EMERALD)
6. Kanwarpreet Singh and I.P.S. Ahuja (2013), “Synergistic suitability of Transfusion of TQM-TPM for Indian Manufacturing Industries using Fuzzy Based Model Simulation”, *International Journal of Business Continuity and Risk Management (IJBCRM)*, Vol. 4, No. 1, pp. 36 – 53. (ISSN-Online: 1758-2172, ISSN-Print: 1758-2164) (INDERSCIENCE)
7. Kanwarpreet Singh and I.P.S. Ahuja (2013), “Implementing TQM and TPM paradigms in Indian Context: Critical success factors and barriers”, *International Journal of Technology, Policy and Management (IJTPM)*, Vol. 13, No. 3, pp. 226 – 244. (ISSN-Online: 1741-5292, ISSN-Print: 1468-4322) (INDERSCIENCE)
8. Kanwarpreet Singh and Inderpreet Singh Ahuja (2014), “Assessing the Business Performance Measurements for Transfusion of TQM and TPM initiatives in the Indian manufacturing industry”, *International Journal of Technology, Policy and Management (IJTPM)*, Vol. 14, No. 1, pp. 44 – 82. (INDERSCIENCE) (ISSN-Online: 1741-5292, ISSN-Print: 1468-4322) (INDERSCIENCE)
9. Kanwarpreet Singh and Inderpreet Singh Ahuja (2014), “Effectiveness of TPM implementation with and without integration with TQM in Indian manufacturing industries”, *Journal of Quality in Maintenance Engineering*, Vol. 20, No. 4 pp. 415 – 435. (EMERALD) (ISSN- 1355-2511).
10. Mandeep Kaur, Kanwarpreet Singh, I.P.S. Ahuja and Pragat Singh (2015), “Justification of synergistic implementation of TQM-TPM paradigms using Analytical Hierarchy Process”, *International Journal of Process Management and Benchmarking*, Vol. 5, No. 1, pp. 1 – 18. (ISSN-Online: 1753-8440, ISSN Print: 1753-8432) (INDERSCIENCE)
11. Kanwarpreet Singh and Inderpreet Singh Ahuja (2015), “An Evaluation of Transfusion of TQM-TPM implementation initiative in an Indian Manufacturing Industry”, *Journal of Quality in Maintenance Engineering*, Vol. 21, No. 2, pp. 134 – 153. (ISSN- 1355-2511) (EMERALD).
12. Kanwarpreet Singh and Inderpreet Singh Ahuja (2015) “Synergizing the effects of Transfusion of TQM and TPM for Indian Manufacturing Industries: A tactical TQM-TPM model”, *International Journal of Process management and Benchmarking*, Vol. 5, No. 4, pp. 456 – 482. (INDERSCIENCE) (ISSN online: 1741-816X, ISSN print: 1460-6739).
13. Nirmaljeet Singh Virk, Dr. Kanwarpreet Singh, Inderjeet Singh , Ravinder Singh, (2015) “Effect of Welding parameters on properties of Friction Stir Welded joints of Aluminum 6106 alloy with and without SiC reinforced particles , *International Journal of Advance Engineering and Research Development* , Vol. 2, No. 8, pp. 63-72.
14. Dr kanwarpreet Singh and Dr Inderpreet Singh Ahuja (2017) ‘Evaluating exploits of Indian entrepreneurs through maintenance practices for realizing the overall organizational goals and objectives’, *Int. J. Process Management and Benchmarking*, Vol. 7, No. 1, pp.1–19. (INDERSCIENCE)

15. Dr. jugraj Singh Randhawa, Dr Inderpreet Singh Ahuja and Dr kanwarpreet Singh (2017) , “Evaluation the impact of 5S implementation on Business Excellence performance parameters through Structural Equation modeling” , International Journal of Advanced Multidisciplinary Research (IJAMR) ISSN:2393 -8870, VOL. 9 NO. (2) : July-December • pp. 17-25 .
16. Manjit Singh Verma and Dr kanwarpreet Singh (2017), “synergistic suitability of integration of TQM-BPR for Indian SMEs using fuzzy-based model simulation”, International Journal of Latest Trends in Engineering and Technology Special Issue AFTMME-2017, pp. 213-223 e-ISSN: 2278-621X
- 17 Sarabjeet Singh and Dr. kanwarpreet Singh (2017), “Validation of critical success factors of CE using fuzzy logic toolbox of MATLAB”, International Journal of Latest Trends in Engineering and Technology Special Issue AFTMME-2017, pp. 227-237 e-ISSN: 2278-621X
- 18 Er. Yuvraj Singh Bhandal, Dr Kanwarpreet Singh, and Mahakdeep Singh (april)(2018), “To study the impact of Human Resource Management Practices of Employees in Medium scale Manufacturing Industries”, *Universal Review* Vol. 7 No. 4 pp- 236-246 (ISSN: 2277-2723)
- 19 Er. Simranjeet Singh Sidhu, Dr. Kanwarpreet Singh and Dr. Inderpreet Singh Ahuja, (Nov)(2018), “Manufacturing Performance Enhancement through various Maintenance practices in Indian SMEs: A Literature Review”, Asian Journal of Engineering and Applied technology, Special Issue AFTMME-NOV 2018, Vol.7 No. 52 pp-1-5 (ISSN: 2249-068X)
- 20 Er. Mehakdeep Singh, Dr. Kanwarpreet Singh and Dr. Amanpreet Singh (Nov)(2018), “Green Manufacturing Practices in Manufacturing Industry: state of art”, Asian Journal of Engineering and Applied technology, Special Issue AFTMME-NOV 2018, Vol.7 No. 52 pp- 52-56 (ISSN: 2249-068X)
- 21 Er. Mandeep kaur, Dr.kanwarpreet singh and Dr.Doordarshi singh (2019), “Synergetic success factors of total quality management (TQM) and supply chain management (SCM): A literature review” , International Journal of Quality & Reliability Management, Vol. 36 No. 6, 2019 pp. 842-863. **ISSN:0265-671X** . Emerald Publishing.
22. Mandeep Kaur, Kanwarpreet Singh and Doordarshi Singh (2019), “Strategic Impact of SCM and SCQM Practices on Competitive Dimensions of Indian Manufacturing Industries”, *TQM journal*, Vol.31, No.5, pp.696-721. **ISSN: 1754-2731. (Published)** (Scopus)
23. Er. Rahul Kumar, Dr. Kanwarpreet singh and Dr. Sanjiv kumar jain (2019), “Development of a framework for agile manufacturing”, World Journal of Science, Technology and Sustainable Development Vol. 16 No. 4, 2019 pp. 161-169. **Emerald Insight**, ISSN: 2042-5945. **(Published) (Web of Science: ESCI)**
24. Singh, Mehakdeep., Singh, Kanwarpreet. Singh, Amanpreet. (2019), "An Empirical investigation and prioritizing critical barriers of Green Manufacturing implementation practices through VIKOR approach" World Journal of Science, Technology and Sustainable

Development, Vol 17, No 2 pp. 235-254. , ISSN: 2042-5945 **Emerald Insight Web of Science (ESCI)**.

25. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar. (2020), “An evaluation of agile manufacturing initiatives in the Indian manufacturing industries”, *International Journal of Quality and Reliability Management*, Vol. 37 No. 1, pp. 156 - 187. **Emerald Insight**, ISSN: 0265-671X. **(Published) (Scopus,)**.

26. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar. (2020), “Agile Manufacturing: A literature review and Pareto analysis”, *International Journal of Quality and Reliability Management*, Vol. 37 No. 2, pp. 207 – 222. **Emerald Insight**, ISSN: 0265-671X. **(Published) (Scopus, Elsevier)**

27. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar. (2020), “An empirical exploration of agile manufacturing for enhanced business performance in Indian manufacturing industry”, *World Journal of Science, Technology and Sustainable Development*, Vol. 17 No. 1, pp. 90 – 110. **Emerald Insight**, ISSN: 2042-5945. **(Published) (Web of Science: ESCI)**

28. Mandeep Kaur, Kanwarpreet Singh and Doordarshi Singh (2020), “Assessing the synergy status of TQM and SCM initiatives in terms of Business performance of the Medium and large scale Indian manufacturing industry”, *International Journal of Quality and Reliability Management*, Vol.37 No.3, pp.243-278. ISSN:0265-671X **(Published)** (Scopus)

29. Mandeep Kaur, Kanwarpreet Singh and Doordarshi Singh (2020), “Justification of Synergistic Implementation of TQM-SCM Using Fuzzy-Based Simulation Model”, *World Journal of Science, Technology and Sustainable Development*, Vol.17 No.1, pp. 71-89. ISSN: 2042-5945 **(Published)** (Web of Science: ESCI)

30. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar. (2020), “A combined AHP and TOPSIS approach for prioritizing the attributes for successful implementation of Agile Manufacturing”, *International Journal of Productivity and Performance Management*, Vol. 69 No. 7, 2020 pp. 1395-1417 **Emerald Insight**, ISSN: 1741-0401. **(Scopus, Elsevier)**

31. Singh, Mehakdeep., Singh, Kanwarpreet. Singh and Amanpreet. (2020), "Analytical hierarchy process and TOPSIS for selecting best parameters of green manufacturing" *Measuring Business Excellence*, Vol. 24 No. 3, 2020 pp. 345-365, **Emerald Insight (Accepted), SCOPUS, Web of Science (ESCI)**. ISSN :1368-3047

32. Singh, Mehakdeep., Singh, Kanwarpreet. Singh and Amanpreet.S. (2020), “Justification of Green manufacturing Implementation parameters using Fuzzy- Based Simulation Model”, *Journal of Science and Technology Policy Management*, Vol. 11 No. 4, pp. 377-394 **Emerald Insight, SCOPUS, Web of Science (ESCI)**. ISSN ;2053-4620

33. Singh, Mehakdeep., Singh, Kanwarpreet. Singh and Amanpreet.S. (2020),” A Pilot Study on relation between various input parameters of green manufacturing and business performance parameters in Indian SME's” *Materials Today, Proceedings*, VOL 33, pp.1493-1498. March 2020. **ELSEVIER, SCOPUS, Web of Science (ESCI). ISSN :1369-7021**
34. Mandeep Kaur, Kanwarpreet Singh and Doordarshi Singh (2020), “Interconnection between Implementation and Competitive Dimensions of SCM and Combined Approach (TQM-SCM) in context of Indian Manufacturing Industry”, *World Journal of Science, Technology and Sustainable Development*, Vol.17 No.3, pp. 269-281. **Emerald Group (Published) (Web of Science: ESCI) ISSN: 2042-5945**
35. Mandeep Kaur, Kanwarpreet Singh and Doordarshi Singh, (2020), “Identification of barriers to synergistic implementation of TQM-SCM using VIKOR Approach”, *International Journal of Quality and reliability Management*, Vol. 38 No. 1, pp. 363-388 **Emerald Group (Published) (Scopus) ISSN:0265-671X**
36. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar (2020), “An empirical investigation and prioritization of barriers towards implementation of agile manufacturing in manufacturing industry” *The TQM Journal*, Vol. 33 No. 1, pp. 183-203. **Emerald Insight, ISSN: 1754-2731. (Published) (Scopus, Elsevier)**
37. Singh, Kanwarpreet and Ahuja, I.S. (2020) ‘Structural equation modelling of transfusion of TQM-TPM model for Indian manufacturing industries’, *Int. Journal Management Practice*, Vol. 13, No. 1, pp.47–73. **Inderscience Publishers, SCOPUS.ISSN: 1741-8143.**
38. Singh, Mehakdeep, Singh, Kanwarpreet. Singh and Amanpreet.S. (2021),” ‘Prioritising parameters of green manufacturing in Indian SME’s with analytical hierarchy process and TOPSIS’, *Int. J. Indian Culture and Business Management*, Vol. 22, No. 2, pp.167–194 **Inderscience Publishers, SCOPUS, Web of Science (ESCI). ISSN: 1753-0806**
39. Singh, Mehakdeep, Singh, Kanwarpreet. Singh and Amanpreet.S.. (2021) ‘Validation of green manufacturing implementation practices in small and medium-scale organisations’, *Int. J. Green Economics*, Vol. 15, No. 2, pp.160–184. **Inderscience Publishers, SCOPUS**
40. Sidhu, Simranjeet singh., Singh, Kanwarpreet and Ahuja, I.S. (2022), "An empirical investigation of maintenance practices for enhancing manufacturing performance in small and medium enterprises of northern India", *Journal of Science and Technology Policy Management*, Vol. 13 No. 1, pp. 132-153. <https://doi.org/10.1108/JSTPM-11-2019-0109>.
41. Sidhu, Simranjeet singh., Singh, Kanwarpreet and Ahuja, I.S (2022), "Design of an intelligent decision-making system for maintenance practices using fuzzy inference system in northern Indian SMEs", *Journal of Quality in Maintenance Engineering*, Vol. 28 No. 1, pp. 154-179. <https://doi.org/10.1108/JQME-05-2020-0043> **Emerald Insight (Scopus)**

42. Simranjit Singh Sidhu, Kanwarpreet Singh & Inderpreet Singh Ahuja (2022) Ranking of implementation dimensions for maintenance practices in Northern Indian SMEs using integrated AHP-TOPSIS approach, *Journal of Small Business & Entrepreneurship*, Vol. 34, No. 2, pp.175-194, DOI: 10.1080/08276331.2020.1809220 (**Scopus**)
43. Singh, Mahakdeep., Singh, Kanwarpreet. and Sethi, A.S. (2022), "Contribution of green manufacturing for realizing business performance in Indian small and medium scale organizations (SME's)", *Journal of Science and Technology Policy Management*, Vol. 13 No. 2, pp. 323-351. <https://doi.org/10.1108/JSTPM-11-2020-0163>
44. Singh, Mahakdeep., Singh, Kanwarpreet. and Sethi, A.S. (2022) 'Assessing current scenario of green manufacturing implementation in Indian SMEs', *Int. J. Management Practice*, Vol. 15, No. 5, pp.639–670. **Inderscience (Scopus)**
45. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar (2022), "Agility enhancement through agile manufacturing implementation: a case study", *The TQM Journal*, Vol. 34 No. 6, pp. 1527-1546. <https://doi.org/10.1108/TQM-05-2021-0147> **Emerald Insight (Scopus) (Web of Science: ESCI)**
46. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar (2022), "An empirical investigation of the relationship among agile manufacturing practices and business performance: a pilot study", *Journal of Science and Technology Policy Management*, Vol. 13 No. 2, pp. 428-455. <https://doi.org/10.1108/JSTPM-01-2020-0009> (**Scopus**)
47. Kumar, Rahul., Singh, Kanwarpreet. and Jain, Sanjiv kumar (2022), "Setup time reduction to enhance the agility of the manufacturing industry through kobetsu kaizen and SMED: a case study", *International Journal of Process Management and Benchmarking*, Vol.12, No.5,pp. 631-656. **Inderscience**, ISSN: 1741-816X. (**Accepted, In publication**) (**Scopus**) **DOI: 10.1504/IJPMB.2020.10035627**
48. Sidhu, Simranjeet Singh., Kanwarpreet. Singh, And Inderpreet Singh. Ahuja (2022), "A Study On The Assessment Of Maintenance Practices On Business Performance In Northern Indian Smes", *Int. J. Of Process Management And Benchmarking*, Vol.12, No.4,pp. 436-470. **Inderscience**, ISSN: 1741-816X. (**Accepted**) (**Scopus**). **DOI: 10.1504/IJPMB.2020.10033370**
49. Kaur, Mandeep., Singh, Kanwarpreet., and Singh, Doordarshi. (2023) 'Strategic framework for successful implementation of synergistic approach SCQM (TQM-SCM)', *Int. J. Process Management and Benchmarking*, Vol. 13, No. 1, pp.96–126. **Inderscience (Scopus)**
50. Simranjit Singh Sidhu, Kanwarpreet Singh & Inderpreet Singh Ahuja (2023), "A study of challenges in successfully implementing maintenance practices in northern Indian small and medium manufacturing companies", *Journal of Quality in Maintenance Engineering*, Vol. 29 No. 3, pp. 683-707. <https://doi.org/10.1108/JQME-04-2022-0023> **Emerald Insight (Scopus) (Web of Science: ESCI)**

Publications in Refereed National Journals

Publications in Books

1. Kanwarpreet Singh and Inderpreet Singh Ahuja, "Manufacturing performance enhancement through TQM-TPM Paradigms", LAP LAMBERT Academic Publishing, Germany. (ISSN NO.: 978-3-659-17185-7), pp. 357. March 19 2014
2. Mandeep Kaur, Kanwarpreet Singh and Inderpreet Singh Ahuja, "Analyzing synergetic effect of TQM-TPM Paradigms on Business Performance", LAP LAMBERT Academic Publishing, Germany. (ISSN NO.: 978-3-659-20012-0), pp. 93. July 2014.
3. Kanwarpreet singh and Arvind sethi, "JIT Elements Evaluated for Indian Industry", LAP LAMBERT Academic Publishing, Germany. (ISSN NO.: 978-3-659-96197-7), pp. 70. Nov, 2016.

Publications in Refereed International Conferences

1. Gurkirat Singh, Kanwarpreet Singh and Pargat Singh (2012), "Justification of TQM implementation in manufacturing Organizations by analytical hierarchy process", International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (October 5-7, 2012) Punjab Technical University, Jalandhar-Kapurthala Highway, Kapurthala, Punjab-144601 (INDIA)
2. Gurpartap Singh, Kanwarpreet Singh and Harpreet Singh (2013), "A study on the effect on fuel economy of a two-Wheeler by on board hydrogen generation," International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (October 3-6, 2013), pp 12-16 Punjab Technical University, Jalandhar-Kapurthala Highway, Kapurthala, Punjab-144601 (INDIA)
3. Mandeep kaur, Doordarshi singh and kanwarpreet singh (2016), "Understanding impact of business performance linkages between TQM and SCM: A Review," TEQIP-II Sponsored, International Conference on latest development in materials, manufacturing and quality control, Giani Zail singh campus college of Engineering & Technology, Bathinda 12-13 feb 2016, ISBN NO. 978-93-5212-858-7.
4. Fatehbir Singh Dhillon, Inderpreet Singh Ahuja and Kanwarpreet Singh (2016), "Measuring the effectiveness of Total Productive Maintenance in Indian Manufacturing Organizations", Proceedings of 4th International Conference on Advancements in Engineering & Technology (ICAET-2016), Bhai Gurdas Institute of Engineering & Technology, Sangrur-148001 (Punjab), India, March 18 -19, 2016, pp. 1632 - 1640. ISBN No. 978-81-924893-1-5.
5. Verma, MS and Singh, K (2017), "**Comparison of Collaborative Effect of TQM and BPR with TQM alone in Northern Region of India SMEs**", Proceedings of 2nd International Conference on Research and Innovations in Mechanical Engineering, December 22-24, 2017 (**ICRIME-2017**)

6. Singh, S. and Singh, K (2017), “Justification of Concurrent Engineering Implementation using Analytical Hierarchy Process (AHP), “Proceedings of 2nd International Conference on Research and Innovations in Mechanical Engineering, December 22-24, 2017 (ICRIME-2017).
7. Sidhu, Simranjit Singh and Singh, Kanwarpreet and Ahuja, Inderpreet Singh, Role of Maintenance Practices in Indian SMEs: A Literature Review (March 31, 2020). Proceedings of the International Conference on Innovative Computing & Communications (ICICC) 2020, Available at SSRN: <https://ssrn.com/abstract=3564871> or <http://dx.doi.org/10.2139/ssrn.3564871>

Publications in Refereed National Conferences

1. J.S Saini , Kanwarpreet Singh, Ishbir Singh (2006) “Robust Vibration Control of Clamped plate using Piezo-Ceramic Materials “Proceeding of the 1nd National Conference on Recent Developments in Mechanical Engineering (NCME-2006) held at Thapar Institute of Engineering and Technology, Patiala,Punjab,India.
2. Ishbir Singh, Kanwarpreet Singh, Amardeep Singh (2006) “Punjab: Emerging in Effective Utilization of Agriwaste” Proceeding of the International Conference on Advances in Mechanical Engineering (AME-2006) held at Baba Banda Singh Engineering College, Fatehgarh Sahib, Punjab ,India.
3. Kanwarpreet Singh, Amardeep Singh and I.P.S. Ahuja (2010), “A comparative review of TQM and TPM quality drives”, National Conference on Advances in Mechanical Engineering (AME-2010), Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Feb. 26–27, 2010, pp. 133 – 138. (ISBN: 978-81-920451-0-8).
4. Kanwarpreet Singh and I.P.S. Ahuja (2010), “Transfusion of TQM and TPM for manufacturing performance enhancement”, National Conference on Global Trends in Mechanical Engineering (GTME-10), Rayat & Bahara Institute of Engineering & Bio-Technology, Sahauran, Mohali, April 16 – 17, 2010, pp. 42 – 47.
5. I.P.S. Ahuja and Kanwarpreet Singh (2010), “Achieving business excellence through Total Productive Maintenance Implementation”, National Conference on Global Trends in Mechanical Engineering (GTME-10), Rayat & Bahara Institute of Engineering & Bio-Technology, Sahauran, Mohali, April 16 – 17, 2010, pp. 80 – 86.
6. Mohit verma and kanwarpreet (2016), A Review on Lean as Green Manufacturing in Indian Industries, Ezucursion-16, 1st National Conference of Innovations in Civil and Mechanical Engineering, pp. 102-109, 12th May, 2016, ISSN 2277-4459, organized by Baddi University of Emerging Science and Technology (BUEST), Baddi, Distt. Solan, Himachal Pradesh, INDIA
7. Charanjot singh and kanwarpreet (2016), Literature review On Agile Manufacturing for Enhancing Business Performance in Indian SME, 1st National Conference of Innovations in Civil and Mechanical Engineering, pp.110-118, 12th May, 2016, ISSN 2277-4459, organized by Baddi University of Emerging Science and Technology (BUEST), Baddi, Distt. Solan, Himachal Pradesh, INDIA

8. Summit sohal, Dr Gurinder singh and kanwarpreet singh (2016), To Study the Critical Evaluation of Various Jit Elements for Realization in Indian Manufacturing Industries, Ezucursion-16, 1st National Conference of Innovations in Civil and Mechanical Engineering, pp.176-189, 12th May, 2016, ISSN 2277-4459, organized by Baddi University of Emerging Science and Technology (BUEST), Baddi, Distt. Solan, Himachal Pradesh, INDIA

9. Arvind Sethi, Dr. Kanwarpreet Singh, Dr. Gurinder Singh (2016), To Study the General Scenario of Various Factor of Jit Implementation in Northern Region, Ezucursion-16, 1st National Conference of Innovations in Civil and Mechanical Engineering, pp. 474a-474n, 12th May, 2016, ISSN 2277-4459, organized by Baddi University of Emerging Science and Technology (BUEST), Baddi, Distt. Solan, Himachal Pradesh, INDIA

LIFE MEMBERSHIPS

- 1) since 2006 of “The Indian Society for Technical Education” (ISTE) (LM-48538)
- 2) since 2016 Punjab Academy of Sciences, life member ship no. L1393

Course/ Summer School attended

Name of the Course Summer School	Place	Duration	Sponsoring Agency
Rain Water Harvesting & Artificial Recharge to Ground Water	Central Ground Water Board, Chandigarh, India	25 th -27 th , Feb. 2004	Central Ground Water Board, Chandigarh, India
Computer Aided Design & Manufacturing: A Global Perspective	Thapar Institute of Engineering & Technology (T.I.E.T), Patiala.	8-9 April 2005	Thapar Institute of Engineering & Technology (T.I.E.T), Patiala. (Deemed University)
Design for Manufacturing	Department of Mechanical Engineering at Institute of Engineering and Technology Bhattal	8 th Nov., 2008	Institute of Engineering and Technology Bhattal, Punjab, India
Energy Conversion Systems	Thapar Institute of Engineering & Technology (T.I.E.T), Patiala.	10-21 Dec., 2007	A.I.C.T.E, New Delhi
Deployment of Six Sigma	Rayat-Bahra college of Engineering and Nano-Technology for women, Hoshiarpur.	8 th Nov., 2008	Rayat-Bahra college of Engineering and Nano-Technology for women, Hoshiarpur.
Lean Manufacturing: Today and Tomorrow	B.B.S.B. Engg. College, Fatehgarh Sahib, Punjab, India.	08-19 Dec., 2008.	A.I.C.T.E, New Delhi
Orientation Course	Academic Staff College Punjabi University, Patiala	18 June-15 July, 2010 (24 days)	UGC

Refresher Course in Mechanical Engineering	Academic Staff College Punjabi University, Patiala	14. May -2 June, 12 (21 days)	UGC
Refresher course in Professional Courses (Mechanical Engg.)	UGC-Human Resource Development Centre, Punjabi University, Patiala	22. May, 2016 to 11. June April 16	UGC
Workshop on Solid works	National institute of technical teachers training and research (NITTTR),Chandigarh	27/3/17 to 31/3/17 (1 week)	AICTE
Workshop on Research Methodology	UGC-Human Resource Development Centre, Punjabi University, Patiala	24 Nov, 17 to 30 Nov, 17 (1 week)	UGC
Workshop on MOOCs, e-content development and open educational resources	UGC-Human Resource Development Centre, Punjabi University, Patiala	14/Jan/19 – 19/Jan/19 (1 week)	UGC
Faculty Development programme on recent trends in Automobile Technology	National institute of technical teachers training and research (NITTTR),Chandigarh	24-02-20 to 28-02-20 (1 week)	AICTE

Invited Lectures and Chairmanships at national or international conference/seminar etc.

S. No.	Title of Lecture/Academic Session/ Chairmanships	Title of Conference / Seminar etc	Organized by	Whether International /national
1	CIMS	Faculty development programme “Advancement in Mechanical Engineering”	Bahra Group of Institutes, Patiala campus	National, on March 24, 2015
2	Industrial Engineering	Advance diploma in Auto Electrical and Electronics and B.Voc automobiles	Dept. of Automobiles, Khalsa college, patiala	Feb 02,2018
3	National Advisory Board member	Advancement in simulation and Experimental techniques in Mechanical Engineering	DST	2 nd national conference, on 23-24 march 2015
4	National Advisory	Advancement in	DST	3 rd national

	Board member	simulation and Experimental techniques in Mechanical Engineering		conference, on 26-27 Feb 2016
5	“CAD/CAM & its application”	Recent Advancements in Materials & Manufacturing	Department of Mechanical Engineering, GZSCCET MRSPTU, Bathinda.	25th to 30th January, 2021

M.TECH THESIS GUIDED

S. No.	Name of the Student & Roll No.	Title of Thesis	Supervisors	Year of Completion
1.	Mandeep Kaur (11093010)	To analyze the synergic effect of TQM - TPM Paradigms on Business Performance	Dr. I.P.S. Ahuja Dr. Kanwarpreet Singh	July 2012
2.	Gurkirat Singh	Justification of TQM implementation in manufacturing Organizations	Dr. Kanwarpreet Singh	2012
3.	Pardeep Singh Bajwa	To Discuss The Effect Of Suppliers' Involvement, Operational Capabilities & Sourcing Practices On Supply Chain Flexibility	Kanwarpreet Singh & Doordarshi Singh	2012
4.	Amandeep Singh	Analyze the Manufacturing Flexibility of Manufacturing Organizations using AHP	Kanwarpreet Singh and Doordarshi Singh	2012
5.	Gurpartap Singh	A study on the effect on fuel economy of a two Wheeler by on board hydrogen generation	Dr. Kanwarpreet Singh	2013
6.	Harry boparai 10913012	To study investigation of rheological characteristic of coal ash	Kanwarpreet Singh & Satish kumar	2014
7.	Tejinderpal singh 11173004	Impact of organizational flexibilities on supply chain risk management in Mfg industries	Kanwarpreet Singh and Doordarshi Singh	2014
8.	Sandeep singh 11173019	Impact of organizational capabilities on firms performance in Mfg industries	Kanwarpreet Singh and	2014

			Doordarshi Singh	
9.	Fatehbir Singh (11293004)	To study the effect of maintenance practices in small and medium scale industries in northern region of country	Dr. I.P.S. Ahuja Dr. Kanwarpreet Singh	2014
10.	Lakhwinder singh 1173036	To studt the effect of hard facing on the wear resistance of chisel plough share	Kanwarpreet Singh and Doordarshi Singh	2015
11.	Summit Sohal 11493062	Justifying critical success factors of JIT in Indian MFG Industries	Dr.kanwarpreet	August 2016
12.	Mohit verma 11493046	LM as an effective approach towards GM in Indian SME	Dr.kanwarpreet	2016
13.	Arvind Sethi 11493007	Evaluation of JIT elements in Indian Mfg Industries	Dr. kanwarpreet	2016
14.	Charanjot singh 11493013	Identifying critical enablers of AM for enhancing business performance in Indian SME	Dr kanwarpreet	2016
15.	Amit Singla 11593051	Assessing the integration of lean and green strategies towards obtaining organizational sustainability-A survey of industrial professional and academicians	Dr kanwarpreet singh and Dr.Jagdeep singh	Sept 17
16.	Sarabjeet singh 11473030	Impact of Implementing Concurrent Engineering strategies in Northern region of Indian SME,s	Dr.kanwarpreet singh	Nov 17
17.	Manjeet singh Verma 11473017	An Empirical study of Integrating TQM and BPR in SMEs Of Northern region of India	Dr.kanwarpreet singh	Nov 17
18.	Yuvraj Singh Bhandal 11473036	A study of Human Recourse Management of Employees In Medium scale Manufacturing Industries In Ludhiana	Dr.kanwarpreet singh	Nov 17
19.	Harmandeep singh 11473012	Effect of occupational health and safety factors on overall business program of SME,s	Dr.kanwarpreet singh	Jan 18
20.	Gurtej Singh 11373020	Wastage Reduction of wire scrap using six sigma methodology: A Case study	Dr. Dharampal Deepak And	Sept, 18

			Dr. Kanwarpreet singh	
21.	Varinder singh 11473034	A study of TPM practices in small and medium scale manufacturing Industries in Ludhiana	Dr. kanwarpreet singh	Sept,18
22.	Gagandeep singh 11693031	Analysis of Low-pressure by-pass valve in Turbine by-pass system of thermal power plant	Dr.kanwarpreet singh And Dr.gurpreet singh	Jan,19