

**GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA**

(An Autonomous College u/s 2 (f) and 12 (B) of UGC Act 1956)

**DEPARTMENT OF PRODUCTION ENGINEERING****NATIONAL CONFERENCES ATTENDED BY FACULTY**

<b>S.no</b>	<b>Title of Publication</b>	<b>Authors</b>	<b>National conferences Name, Vol.</b>	<b>Date</b>
<b>1</b>	Shortpeening as Surface Corrective Process.	<b>J.S Grewal</b> Seehra, R.S. H.S. Bains	9 <sup>th</sup> ISME Conference on Mechanical Engineering at University of Roorkee, Roorkee	Nov. 10-11 1994
<b>2</b>	Quality Improvement in technical Institutions to meet the challenges of the industry.	<b>J.S. Grewal</b> ,N. Tayal, S.P.	National Conference on TQM in Technical Institutions, MACT (REC) Bhopal	Dec. 20-21 1996
<b>3</b>	Optimization of Machining Parameters using geometric Programming.	<b>J.S. Grewal</b> , N.D. Sharma, and Jasdeep Singh	16 <sup>th</sup> National Conference of Mechanical Engineers and All India Seminar on Future Trends in mechanical Engineering”, at University of Roorkee, Roorkee.	Sept., 29-30 2000.
<b>4</b>	Designing the Element of Material Requirement Planning (MRP 1) System in a Make to Order Company.	<b>J.S. Grewal</b> , Nripjit and R.S. Bhullar	National Conference at Coimbatore.	May, 14-15 2001.
<b>5</b>	Some studies on back bead geometry of mild steel using automatic GMAW process.	<b>J.S. Grewal</b> , and Kaur Gurmeet	National Conference at SLIET, Longowal.	Jan. 18-19 2004
<b>6</b>	Spot Welding Optimization of Low Carbon Steel using Taguchi Technique.	<b>J.S. Grewal</b> , and Singh Rupinder	2 <sup>nd</sup> National conference on recent development in Mechanical Engineering at TIET Patiala.	Nov, 10-11 2006
<b>7</b>	Nanotechnology: The Way for Novelty in Every Stream of Technology.	<b>J.S. Grewal</b> , and Grewal, C.S	National Conference on Nanotechnology at Bhai Maha Singh College of Engineering, Muktsar.	Feb., 23-24 2007
<b>8</b>	Improvement in abrasive wear resistance by hard facing – A review.	<b>J.S.</b> <b>Grewal</b> ,Sehijpal Singh, Chawla, Vikas and Mangla, A.K	National Conference on Advancements and Futuristic Trends in Mechanical and Material Engineering, Yadwindra College of Engineering, Punjabi University, Talwandi Sabbo	Feb. 19-20 2010
<b>9</b>	A survey of detonation gun sprayed wear resistant coatings.	<b>J.S. Grewal</b> , Chawla, Vikas and Singla, J.P.,	National Conference on Advancements and Futuristic Trends in Mechanical and Material Engineering, Yadwindra College of Engineering, Punjabi University, Talwandi Sabbo.	Feb. 19-20 2010
<b>10</b>	A review paper on wear and hard facing.	<b>J.S. Grewal</b> Singla Shivali, Goyal Rakesh	14 <sup>th</sup> Punjab Science Congress held at SLIET, Longowal.	Feb. 7, 2011

**GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA**

(An Autonomous College u/s 2 (f) and 12 (B) of UGC Act 1956)

**DEPARTMENT OF PRODUCTION ENGINEERING****NATIONAL CONFERENCES ATTENDED BY FACULTY**

<b>S.no</b>	<b>Title of Publication</b>	<b>Authors</b>	<b>National conferences Name, Vol.</b>	<b>Date</b>
<b>11</b>	Cavitation erosion of metals – A review.	<b>J.S Grewal,</b> Birdevinder Singh, H.S. Grewal, Sehgal R.	National Conference on Recent Trends in Mechanical and Automobile Engineering.	2010
<b>12</b>	Process capability study in manufacturing: Applications and future prospective	<b>Rupinder Singh</b>	Proceedings of National conference on Advancements and Futuristic trends in Mechanical and Materials Engineering at Punjabi University Guru Kashi Campus, Talwandi Sabo,	Feb. 19-20, 2010
<b>13</b>	Effect of cryogenic treatment for enhancing life of EDM tool while machining titanium alloys	<b>Rupinder Singh,</b> Bhupinder Singh, H. Singh	Proceedings of National conference on Advancements and Futuristic trends in Mechanical and Materials Engineering at Punjabi University Guru Kashi Campus, Talwandi Sabo,	Feb. 19-20, 2010
<b>14</b>	Experimental investigations for tool life enhancement using cryogenic treatment	Kamaljit Singh, <b>Rupinder Singh</b>	Proceedings of National conference on Advancements and Futuristic trends in Mechanical and Materials Engineering at Punjabi University Guru Kashi Campus, Talwandi Sabo,	Feb. 19-20, 2010
<b>15</b>	Comparison of rapid moulding solution for plastic components	<b>Rupinder Singh</b>	Abstracts of 98 <sup>th</sup> Indian Science Congress under: ISCA Young Scientists Award Programme, SRM University, Kattankulathur, TamilNadu,	Oct 03, 2010
<b>16</b>	Investigations for silicon moulding of plastic components	<b>Rupinder Singh,</b> Balpreet Singh	Proceedings of National Conference on Futuristic Trends in Mechanical Engineering, GNDEC Ludhiana <b>(ISBN 93-80697-24-4)</b>	Oct, 29 <sup>th</sup> -30 <sup>th</sup> 2010
<b>17</b>	Investigations for rapid moulding of plastics using polyjet printing	<b>Rupinder Singh,</b> Varinderjit Singh	Proceedings of National Conference on Futuristic Trends in Mechanical Engineering, GNDEC Ludhiana <b>(ISBN 93-80697-24-4)</b>	Oct, 29 <sup>th</sup> -30 <sup>th</sup> 2010
<b>18</b>	Rapid prototyping technology-contemporary tool for manufacturing industry	R. Kumar, <b>Rupinder Singh,</b> IPS Ahuja	Proceedings of National Conference on Futuristic Trends in Mechanical Engineering, GNDEC Ludhiana <b>(ISBN 93-80697-24-4)</b>	Oct, 29 <sup>th</sup> -30 <sup>th</sup> 2010
<b>19</b>	Investigations for modeling the silicon moulding process for plastic components	<b>Rupinder Singh,</b> Vipul Sharma	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering	Oct., 7-8 2011
<b>20</b>	A framework for development of pattern for dies using fused deposition modelling	Harish Garg, <b>Rupinder Singh</b>	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering,	Oct., 7-8 2011

**GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA**

(An Autonomous College u/s 2 (f) and 12 (B) of UGC Act 1956)

**DEPARTMENT OF PRODUCTION ENGINEERING****NATIONAL CONFERENCES ATTENDED BY FACULTY**

<b>S.no</b>	<b>Title of Publication</b>	<b>Authors</b>	<b>National conferences Name, Vol.</b>	<b>Date</b>
21	Investigating the machining characteristics of HCHCr with electric discharge machining	<b>Rupinder Singh,</b> IPS Ahuja, Jasbirpal Singh	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering	Oct., 7-8 2011
22	Effect of geometrical shapes of patterns in vacuum moulding	<b>Rupinder Singh,</b> Chatwant Singh	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering.	Oct., 7-8 2011
23	Effect of slurry layers on the properties of Investment cast components	<b>Rupinder Singh,</b> Paramjit Singh	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering.	Oct., 7-8 2011
24	Experimental investigations for FDM of plastic components	<b>Rupinder Singh,</b> Ishpreet Singh	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering.	Oct., 7-8 2011
25	Experimental investigations for development of MMC with vacuum moulding	<b>Rupinder Singh,</b> Jaswinder Singh	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering.	Oct., 7-8 2011
26	Effect of moulding sand on MMC development in vacuum moulding	<b>Rupinder Singh,</b> Jagdev Singh	Proceedings of National Conference on Advancements & Futuristic Trends in Mechanical and Materials Engineering	Oct., 7-8 2011
27	Process capability analysis of investment casting process after advancement in shell moulding for cycle time reduction	<b>Rupinder Singh</b>	Proceedings of National Conference on Emerging trends in productivity (ETP 2014), SGGS Institute of Engg. and Tech., Nanded.	Jan. 10- 11, 2014
28	Experimental investigations for statistically controlled hybrid rapid casting solution for cycle time reduction	<b>Rupinder Singh</b>	Proceedings of 1 <sup>st</sup> National Conference on Recent trends in mechanical engineering, BCET, Gurdaspur.	Feb. 21-22, 2014
29	Scenario of E-Banking In today's life- A survey	<b>Jagdeep Singh</b>	National Conference on I- Society(I- Society-2012	July, 20th 2012
30	Simulation and Comparative evaluation of single basin solar still and Micro-Stepped solar still	Prem Singh, Dr. Ravi Inder Singh, <b>Jagdeep Singh</b> and Dr. Parampal Singh	National Conference on Advances in Mechanical Engineering(AIM-2012),.	Oct. 11th - 12 <sup>th</sup> 2012
31	Ergonomical comparison of Motor cycles at static conditions	<b>Jagdeep singh</b> and <b>Simranjit</b> <b>Singh</b>	National conference on Innovative Development in Engineering Applications(IDEA-12)	2012
32	Technology Awareness and Cost Reduction in Forging Industry at Ludhiana	<b>Jagdeep Singh</b> and Jatinder Kapoor	National conference on Futuristic Trends in Mechanical Engineering (FTME-2010).	2010

**GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA**

(An Autonomous College u/s 2 (f) and 12 (B) of UGC Act 1956)

**DEPARTMENT OF PRODUCTION ENGINEERING****NATIONAL CONFERENCES ATTENDED BY FACULTY**

<b>S.no</b>	<b>Title of Publication</b>	<b>Authors</b>	<b>National conferences Name, Vol.</b>	<b>Date</b>
33	Waste Management	<b>Jagdeep Singh,</b> Ms Reetu Chhabra and Mangat Kirandeep	National conference on Innovative Development in Engineering Applications(IDEA-09)	2009
34	Total Quality Control with Lean Manufacturing and JIT-The Human Side	<b>Jagdeep Singh,</b> Brar Balraj Singh and Duggal Gurjeet Kaur	National conference on Innovative Development in Engineering Applications(IDEA-09)	2009
35	Disposal of Salvable Waste- Management of Surplus and Scrap	<b>Jagdeep Singh,</b> Ms Reetu Chhabra,Er. Gurjet Kaur Duggal and Mangat Kirandeep	National Conference on Managing Technology for Organizational Excellence.	
36	Experimental investigations for development of MMC with vacuum moulding	Rupindersingh and <b>Jaswindersingh</b>	National Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering pp421-425	Oct. 7- 8,2011)
37	Finite Element Analysis of Behavior of fluid in closed container.	<b>Simranjit Singh</b> and GS Brar	National Conference on Emerging Trends in Engineering and applied sciences at GGSWU Fategarh Sahib , <b>published in CD</b>	Feb 2014
38	Daylight Utilization In Small Scale Manufacturing Industries.	<b>Parminder Singh Sidhu,</b> P.S. Bilga	National Conference on Emerging Trends in Energy Engineering	March 23-24, 2012
39	A Review Of Daylight Illuminance And Window Design in Buildings.	<b>Parminder Singh Sidhu,</b> P.S. Bilga	National Conference of Advances in Energy Engineering, 2013, pp 20-26. <b>ISBN 978-93-82880-44-8</b>	2013
40	A review of Energy Efficient Buildings.	<b>Parminder Singh Sidhu,</b> P.S. Bilga	National Conference of Recent Trends in Power System and Energy Management,	March 28-29, 2014.