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Author's Biography

Author of the thesis, Manoj Kumar is a candidate for Ph.D. at Sant Longowal Institute of Engineering and Technology, Longowal. He did his Bachelor (Industrial Engineering) and Masters in Engineering (Industrial Design) from Thapar Institute of Engineering and Technology, Patiala in 1989 and 1999 respectively. He is Associate Professor in Mechanical Engineering Department at Sant Longowal Institute of Engineering and Technology. He has 26 years of teaching and industrial experience, out of which he served in industry for around 3 years in India and United Kingdom (UK). His areas of interest are Industrial Engineering, Ergonomics, and Work-related Musculoskeletal disorders (WMSDs).
## List of Publications

### A. Publications in Research Journals

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<td>1</td>
<td>Kumar, M., Beri, R., Arora, A.S and Kumar, R.</td>
<td>Symptom based analysis for Carpal Tunnel Syndrome in assembly line workers using ANOVA with orthogonal array.</td>
<td><em>Applied Mechanics and Materials.</em></td>
<td>110-116</td>
<td>2012</td>
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<td>2</td>
<td>Kumar, M., Arora, A.S and Kumar, R.</td>
<td>Determination of CTS occurrence in hand arm vibration environment through one way ANOVA and Chi square test.</td>
<td><em>Int. J. of Engineering and Management Research.</em></td>
<td>5. 381-383</td>
<td>2015</td>
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<td>3</td>
<td>Kumar, M., Beri, R., Arora, A.S and Kumar, R.</td>
<td>Analysis of risk factors in carpal tunnel syndrome among automotive glass channel rubber assembly line workers.</td>
<td><em>International Journal of Advanced Manufacturing Systems.</em></td>
<td>2. 51-57</td>
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Two more papers in communication

### B. Publications in Conference proceedings

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<td>1</td>
<td>Kumar, M., Kumar, S. and Kumar, R.</td>
<td>Analysis of prevalence of carpal tunnel syndrome in rubber beading assembly line workers.</td>
<td><em>International Conference on Role of Science and Technology in Development of World.</em></td>
<td>DRDO New Delhi. 05-07 December, 2013</td>
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