BIO-DATA

1. **Name** : **ER. PRAGAT SINGH**
2. **Designation** : **Assistant Professor**
3. **Department** : **Mechanical Engineering**
4. **Date of Birth** : **21.07.1989**
5. **Address for Correspondence** : **Department of Mechanical Engineering, Punjabi University, Patiala 147002**

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6 **Areas of Specialization** : **Production and Industrial Engineering**

7. Academic Qualifications:

Sr. No.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Branch
1	B.Tech	2009	PTU, Jalandhar	66.11	1st	Mechanical Engineering
2	M.Tech	2011	UCoE, Punjabi Uni., Patiala	68.75	1st	Mechanical Engineering
3	Ph.D	Pursuing	Department of ME, Punjabi Uni., Patiala	A grade (course work)		Mechanical Engineering

8. Details of Experience:

S. No.	Name of the Inst./Employer	Position Held	Duration	Major Job Responsibilities and
1.	Punjabi Uni. Patiala	Assistant Professor	28.07.2011 to till date	Teaching and Research

9. Published Work:

a. Research Papers I) International = 07
II) International conference=02
III) National conference=01

b. Book = 01

10. Thesis Supervised:

4 M.Tech students completed their thesis under my guidance.

11. List of Papers/Courses taught at U.G. Level

S. No.	Paper	Class
1.	Manufacturing Processes	B.Tech I
2.	Manufacturing Technology	B.Tech II
3.	Engineering Graphics	B.Tech I
4.	Theory of Machines	B.Tech II
5.	Fluids Mechanics	B.Tech II
6.	Dynamics of Machines	B.Tech III
7.	Mechanical Vibration	B.Tech III
8.	Machine Drawing	B.Tech II

12. Laboratory Experiences: Fluid Mechanics, Machine Drawing, Engineering Drawing, Manufacturing Processes, Strength of material, Theory of machine.

13. List of Publications

(A) Book

1. Achieving manufacturing excellence through TPM implementation (2014), Pragat singh and Inderpreet singh Ahuja, LAP LAMBERT Academic Publishing

(B) Research Papers:

1. Ahuja, I.P.S. and Singh, P., "Application of analytical hierarchy process for justification of TPM implementation in manufacturing organizations", *International. Journal. Technology, Policy and Management,* ***2012****,* vol. 12, no. 1, pp. 37-46
2. Ahuja, I.P.S. and Singh, P., "Total productive maintenance: a tool for envisaging manufacturing competence", *International journal. Technology, Policy and Management,* ***2013****, vol. 13, no. 2, pp. 107-120.*
3. Singh, L., Singh, R., Singh, N.K., Singh, D. and Singh, P., "An Evaluation of TIG Welding Parametric Influence on Tensile Strength of 5083 Aluminum Alloy", *International Journal of Mechanical, Industrial Science and Engineering,****2013****,* Vol. 7, No. 11,pp 795-798
4. Dureja, J.S., Singh, R., Singh T., Singh, P., Dogra, M. and Bhatti, M.S., "Performance Evaluation of Coated Carbide Tool in Machining of Stainless Steel (AISI 202) under Minimum Quantity Lubrication (MQL)", *International Journal Of Precision Engineering And Manufacturing-Green Technology*, **2015**, Vol. 2, No. 2, pp. 123-129
5. Kaur, M., Singh, K., Ahuja, I.P.S. and Singh, P., "Justification of synergistic implementation of TQM-TPM paradigms using analytical hierarchy process", *International Journal* Process Management and Benchmarking, **2015**, Vol. 5, No. 1, pp. 01-18
6. Singh, P., Singh, J., Dureja, J.S., Singh, T., Dogra, M. and Bhatti, M.S., "Performance Evaluation of Milling of Inconel-625 under Minimum Quantity Lubrication", *Journal of Manufacturing Science and Production*, **2016,** vol.16, no.1, pp. 61–68.

7. Singh, T, S.,P.,Dureja, J.S.,Dogra, M.,Singh,H. and Bhatti, M.S. (2016). "A review of near dry machining/minimum quantity lubrication machining of difficult to machine alloys." *International journal of Machining and Machinability of Materials*, 2016,vol. 18, no. 3, pp 213-251.

(C) Publications in International conferences

1. Dhillon, G.S., Singh, K. And Singh, P., "justification of TQM implementation in manufacturing organizations by analytical hierarchy process*", International conference on advancements and futuristic trends in mechanical and materials engineering, **2012**, pp. 483-497*
2. Singh, L., Singh, D. and Singh, P., "A Review: Parametric effect on mechanical properties and weld bead geometry of Aluminium alloy in GTAW", *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), **201**3,* vol. 6, issue 6, pp. 24-30

(D) National conference

1. Ahuja, I.P.S. and Singh, P, "Evaluation of endeavor of Indian manufacturing organizations Towards TPM implementation", *First National Conference on Advances in Mechanical Engineering (NCAME-2011)*, **2011,** pp. 352-358