


## RESUME

<b>1.</b>	<b>Name</b>	Dr.Ravinder Pal Singh	
<b>2.</b>	<b>Designation</b>	Associate Professor (Mechanical Engg. Deptt)	
<b>3.</b>	<b>Date of Birth</b>	27-04-1976	
<b>4.</b>	<b>Education Qualification</b>	Ph.D (Industrial & Production Engg.) Dr.B.R.Ambedkar National Institute of Technology, Jalandhar	
		M.Tech.Mechanical (Production Engg) Punjab Technical University, Jalandhar	
		B.Tech (Mechanical Engg.) GNDU, Amritsar	
			
			rps_syal@rediffmail.com
<b>5.</b>	<b>Work Experience</b>	Teaching Experience	27 Years
		Estate officer	01 yrs 02 months
		Warden (Ganga and Satluj hostels )	08 months (*continuing)
		Academic In -Charge -Mech. Engg. Deptt. (Aug,1998- Feb,2000)	01 yrs 02 months
		Academic In -Charge -Mech. Engg. Deptt. (Oct 2018- Jan 2021)	02 yrs 02 months
		Co-ordinator- Academics- Mech. Engg. Deptt (Aug ,22 to Aug,2023)	01 year
		Co-ordinator- Academics- Mech. Engg. Deptt (March , 2025 to till date)	10 month
		Project Co-ordinator- Mech. Engg. Deptt (Dec, 21 to till date )	04 year 01 months
		Co-ordinator, Deptt. Syllabus Revision Committee	01 year 03 months
		Co- coordinator, Departmental NBA committee	01 year
		Officer Incharge -Fluid Machinery Lab	02 year 06 months
	Officer Incharge- MP-I/Foundry & welding Lab	03 year 06 months	
<b>Miscellaneous Work</b>	Performed duties of Head Examiner (Thermal Engineering), Coordinator, Printing Cell PTU Exam, Superintendent Mid Term & End Semester Examinations, Member, House allotment committee (HAC), Paper setter of Ph.D Entrance examination and various subjects in End Semester examinations, Guided students in B.Tech Projects		
<b>6.</b>	<b>Area of Specializations</b>	Industrial and Production Engg. (Submerged Arc Welding)	
<b>7.</b>	<b>Subjects Taught</b>	Fluid Machinery	Thermal Science
		Applied Thermodynamics	Inspection and Quality Control
		Theory of Machine-I	Applied Mechanics
		Elements of Mechanical Engineering	Fundamentals of Arc Welding
		Fluid Mechanics	Heat Transfer
		Theory of Machine-II	

<b>8.</b>	<b>Total Number of Research Publications (Annexure-A)</b>	<b>09</b>
<b>9</b>	<b>Short-Term Courses Attended</b>	<b>22 (17 one week and 5 two week)</b>

**Annexure-A  
(LIST OF PUBLICATIONS)**

1. 2007, “ High Temperature Corrosion Resistance of HVOF Sprayed NI-Al Coatings on Ni- based Superalloys,” National Conference on Futuristic Trends in Mechanical Engineering- NCFTME 2007
2. 2012, “Parametric Effect on Mechanical Properties in Submerged arc Welding Process –A Review”, International Journal of Engineering Science and Technology, (IJEST) Vol.4 (2), pp. 783-793.
3. 2015, “Effect of Polarity on Metal Transfer in Submerged arc Welding”, Trends in Mechanical Engineering & Technology (TMET) , Vol.5 No.2, pp.42-48.
4. 2015, “Parametric Effect in Submerged Arc Welding”, Elixir International Journal, Vol.83, pp. 32979- 32982.
5. 2015, “Optimization of Response Parameters for Polarity in Submerged arc Welding”, Multidiscipline Modeling in Materials and Structures, Vol.11 No.4, pp.494-506.
6. 2016, “Mathematical Modeling of Effect of Polarity on Weld Bead Geometry Parameters in Submerged arc welding”, Journal of Manufacturing Processes, Vol.21, pp.14-22
7. 2018,“Preliminary Study of Effect of Parameters in Submerged Arc Welding” International Journal of Machine Design and Manufacturing, Vol 4 (1),pp .22-26
8. 2021,” A Study on Effect of Polarity on Mechanical Properties in SAW Process” International Journal of Manufacturing and Materials Processing, Vol.7 (1), pp.1-6p.
9. 2024, “Experimental Study on Influence of Polarity on Weld Quality in Submerged Arc Welding” International Journal of Manufacturing and Materials Processing,, Vol.10 (2), pp 1-9p.