

# Avtar Singh

## Address

JALANDHAR, India 144023

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+91 9915477119

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avtar.e3@gmail.com

## Languages

English, Hindi, Punjabi

Zeal to explore my technical skills through striving and excelling in my job profile thereby, providing quality output up to the expectation of the organization.

## Work History (14+ years of experience)

02-2023  
-Present

### Manager (Academics)

*Milestone Education Group and Immigration Services, Jalandhar*

- Managing and coordinating all academic operations
- Trainings and orientations
- Admission Counselling
- Career Counselling
- Visa counselling and guidance

09-2010 -  
02-2023

### Assistant Professor

*Mechanical Engineering Department*

*Lovely Professional University, Phagwara*

- Created materials and exercises to illustrate application of course concepts.
- Facilitated academic and community collaborations to increase number of community-engaged research proposal submissions to extramural funders.
- Proctored exams and provided remediation for learning improvement goals.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Read and interpreted blueprints, technical drawings, schematics, and computer-generated reports.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
- Conducted research to test and analyze feasibility, design, operation and performance of equipment, components, and systems.
- Engineering Workshop coordinator and have hand on experience in Machine shop, Sheet metal shop, Welding shop and Fitting shop for various fabrication projects.
- Evaluated and supervised student activities and performance levels to provide reports on academic progress.
- Mentored students and communicated internship And employment opportunities.

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## Education

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2011-08 - 2014-07	<b>M-TECH: Mechanical Engineering(Design)</b> <i>LPU (Lovely Professional University) - Phagwara, Punjab</i>
2006-08 - 2010-05	<b>B-TECH: Mechanical Engineering</b> <i>PTU (Punjab Technical University) - Kapurthala, Punjab</i>

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## Accomplishments

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### PUBLICATIONS

- "Experimental investigation on internal finishing of steel tubes using magnetic abrasives with different parameters by Taguchi method." International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.54, page 113-118 (2015)  
[http://www.ripublication.com/ijaerspl3/ijaerv10n54\\_19.pdf](http://www.ripublication.com/ijaerspl3/ijaerv10n54_19.pdf)
- "To study the effect of various parameters on finishing of inner surfaces of brass tubes using magnetic abrasive by rsm." ELK Asia Pacific Journals- Special issue. ISBN-978-81-930411-4-7  
<http://www.elkjournals.com/microadmin/UploadFolder/499427p32.pdf>

### INDUSTRIAL TRAINING

#### **Rail Coach Factory, Kapurthala**

Six month training (Jan2010-June2010)

- Worked on hydraulic & pneumatic circuits.
- Production control including the scheduling of production, dispatching of material, tools and maintaining continuous supply.
- Familiar with various production technologies.

## **GIMIT, New Delhi**

- Six week training (June-July 2008)
- AUTOCAD, PRO-E, SOLIDWORKS

## **Major Project**

- Experimental investigation on internal finishing of steel tubes using magnetic abrasives with different parameters by Taguchi method.