

# GUNRAJ SINGH KATARIA

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## CAREER OBJECTIVE

A Mechanical professional seeking challenging opportunity to work for a renowned organization to enhance my knowledge, skills and techniques which can benefit the Organisation.

## OVERALL KNOW HOW

- ISO/TS-16949.
- NPD, APQP, PPAP, PFD, FMEA, Control Plan, SOP.
- 5'S and Safety concepts.
- Lean Manufacturing.
- TPM.
- Seven Quality Control Tools (7QC Tools).
- Geometrical Dimensioning and Tolerances.
- Engineering Change management activities like ECN and ECR.
- Time-Motion Study & Line balancing.
- Takt time and Cycle time calculation.
- MSA and SPC.
- Promoting continuous improvement & POKE-YOKE.
- Kaizen Identification.

## TRAINING EXPERIENCE

- 6 weeks summer training from **Rail Coach Factory** in 4<sup>th</sup> Semester.
- 6 months industrial training from **Rail Coach Factory** in 8<sup>th</sup> Semester.
- Training at **Caparo Engineering India Ltd.** from July to till date.
  - Learnt about NPD and what are the documents used to make it such as PFD, FMEA, Control Plan, SOP & APQP Timing Chart.
  - Time-Motion Study & basic concepts used in manufacturing.

## UNDERGRDUATE PROJECT WORK

Project title: 3D Printer.

Team size: 4.

Time duration: 3 months.

About the project: 3D Printer is a device used for 3d printing which is a manufacturing process of making three dimensional solid objects from a digital file. In 3D printer an object is created by laying down successive layers of material until the entire object is created. Each of these layers can be seen as a thinly sliced horizontal cross-section of the eventual object.

## SOFTWARE SKILLS AND CERTIFICATION

- AutoCAD from Autodesk.
- AutoCAD with 2D & 3D Modelling from Techie's institute.
- SolidWorks from Techie's institute.
- Creo Elements/Pro (Pro/ENGINEER) from Techie's institute.
- Office suite: MS-office.
- C++ language course from NIIT.

## ACADEMIC DETAILS

Course	Year	Institution	Board/University	Percentage/CGPA
B.Tech -Mechanical Engineering	2012-2016	Rayat and Bahra Institute of Engineering and Biotechnology	I.K. Gujral Punjab Technical University	77.04
Class 12(AISSCE)	2012	The Senior Study II	Central Board of Secondary Education	68.4
Class 10(AISSE)	2010	The Senior Study II	Central Board of Secondary Education	8.4 ( CGPA )

## ACHIVEMENTS & HOBBIES

- Our Project was awarded "First Prize" in "Project Display" in "Techno Virsa" in 2015.
- Participated in "National Mathematics Day" in 2014.
- Class Representative in 2013.
- Member of Runner's up team (Jr) Inter House Basketball Tournament in 2008.
- Won Consolation Prize at the State/Zonal Level in HT Explorare in 2008.
- Travelling and Exploring new places.
- Listening to Music.

## STRENGTHS

- Strong and quick acquiring of new technologies.
- Good numeric ability.
- Ability to work in team.
- Disciplined and loyal.

## PERSONAL DETAILS

- Permanent Address : 115, Lawrence road, Amritsar, Punjab (143001).
- Contact No. : 7837203828.
- Email : [gunrajkataria94@gmail.com](mailto:gunrajkataria94@gmail.com)
- Date of Birth : 8<sup>th</sup> February 1994.
- Languages : English, Hindi, Punjabi.

## DECLARATION

I hereby affirm that the above information is true to the best of my knowledge.

**Signature: Gunraj Singh Kataria**