fgnAss

**WORK EXPERIENCE**

**BOSCH LIMITED, JAIPUR Dec’19 – Till present**

**Graduate Trainee**

1. Implemented Karakuri-kaizen technique at shop floor.

2. Provides analysis record for machine capability.

3. Resourceful while working with other departments and units within the corporation to ensure cost reduction efforts are being implemented.

4. Review and analyze reports and information relating to scrap, rework and defective materials.

5. Manage process engineering product development team to deliver customized products to internal and external clients.

6. Participate in and co-ordinate CI initiatives and lean manufacturing.

7. Develop continuous improvement toolkit and operating fundamentals.

8. Monitored inventory control through Kanban calculations.

**Big Zero Technology LLP, Pune July’19 – Dec’19**

**Application Engineer**

1. Assigned to provide metrological support and solution to key customers.

2. Engaged in providing technical support for video measuring machine.

3. Ensuring and analyzing the requirements of the customers for 2D and 3D measurement of metal and plastic component.

4. Responsible for inspection of layout and identification of GD&T parameters of the part.

5. Reviewing and maintaining the MTE system including monitoring, maintenance and calibration.

6. Responsible for on-site installation of software and configured hardware.

**Jusco- a TATA Enterprise, Jamshedpur May’18 - Jun’18**

**Intern**

Project Title: Installation of various pumps and equipment at sewage treatment plant and pumping stations.

1. Assembled various components of pump.

2. Dismantled a pump.

3. Monitoring the amount of chemicals required to pass through the settling tank.

**EDUCATION**

1. B-Tech in mechanical engineering (2015-2019) from Dehradun Institute of Technology, Dehradun with aggregate of 73.40%

2. H.S.E in 2014 with 76.60% from C.B.S.E.

3. S.S.E in 2012 with 87.40% from C.B.S.E.

**SKILL SET**

1. Autodesk Cad 4. Ultimaker Cura

2. Autodesk Inventor 5. Microsoft office suite

3. Fusion 360

SHILPI SWATI

**July ’19 - Dec ’19**

INFO

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PROFILE

Prolific mechanical engineer looking forward to provide technical and techno-commercial support and operations in engineering services by leveraging the synergy of diverse technologies and tools for quintessential growth of organization and establish a desired career for myself.

PROJECTS AND ACHIEVEMENTS

**2020**

1. Implementation of Karakuri-Kaizen technique at shop floor in Bosch, Jaipur.

2. Improvement in machine capability of grinding machine (KCA Supfina) by LIR parameter in Bosch, Jaipur.

3. Leakage test for governor shaft through wet tightness in Bosch, Jaipur.

4. Conducted speed week for establishing new grinding process for NHB-047 in Bosch, Jaipur.

**2019**

Undertook a research study on characterization of self-healing materials and shape memory alloy.

**2018**

Published a review paper entitled: Tribological behavior of self-lubricating materials at 2nd National Conference on Recent Innovations in Emerging Technology and science 2018.

**2018**

Presented a paper entitled: Characterization of ABS material in hybrid composite at 1st International Conference on Future Learning Aspects of Mechanical Engineering 2018(accepted by Scopus Index).

INFO

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