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# Sonal kumar singh

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## OBJECTIVE

Use strong analytical skills to observe industry trends and understand surrounding environmental factors. Demonstrate essential teamwork skills for working with colleagues on and off the floor to complete the most beneficial transactions quickly and efficiently.

## ACADEMIC QUALIFICATIONS

Completed Bachelor of Engineering in chemical engineering from Sant Longowal Institute of Engineering and Technology Longowal with 60% in2019.

Completed Diploma in chemical engineering from Sant Longowal Institute of Engineering and Technology, Longowal with 69.83% in 2016.

Completed Certificate Course in Paper and Printing Technology from Sant Longowal Institute of Engineering and Technology, Longowal with 69.68% in 2014.

Completed Matriculation from Janta high school koriyawan (Gaya) (B.S.E.B.) with 79% in2012.

## ACADEMIC PROJECTS

At Bachelor of Engineering (B.E.) Level: - Analysis of biogas production from rice husk and cow dung & design of bio-digester

Year of Perform:-2019.

Our project titled “*ANALYSIS OF BIOGAS PRODUCTION FROM RICE HUSK AND COW DUNG & DESIGN OF BIO-DIGESTER*”. The objective of this project to study of biogas production from cow-dung and rice husk & design of bio-gas digester. Which is economical and simple for use.

At Diploma Level: Shell and Tube heat exchanger.

Year of Perform:-2016

Our project titled “*SHELL AND TUBE HEAT EXCHANGER*”. The objective of this project is to transfer heat from hot fluid to cold fluid.

Year of Perform:-2014

Our project titled “*PREPARATION AND TESTING OF PAPER SHEET PREPARED FROM WASTE PAPER*”. For this we used newspaper as waste paper. In this project we observed that using our project method we can reuse the waste paper and a fresh paper can be made again from that.

## PROFESSIONAL EXPERIENCE

RALSON (INDIA) LTD. Ludhiana, Punjab

Quality Engineer (Asth. Engg.) (15/04/2019 to Present)

Core Technologies: Compound mixing, Tire Building Machine, Extruder, Tire Curing Press.

Serve as quality engineer for maintaining quality of Compound mixing, and Auto tire curing press, extruder, and tire building machine.

Compound mixing -Trouble shoot issues, and manage quality of compound. Provide continuing evaluation of Check sheet.

## TECHNICAL SKILLS

Audit sheet

Control plan

Failure modes and effects analysis

NC handling

7 QC tools

5'S

SPC Chart

One point lesson

8D problem solving method

Pivot table

Poka-yoke

3M

3 sigma

Kaizan

Trend chart

Project management

Data analysis

## SUMMER INTERNSHIP

### At Bachelor of engineering (B.E.) Level:

DEPARTMENT : Production Deptt.  
ORGANIZATION : Ganapati Vanaspati Pvt. Ltd. Birgunj (Nepal)  
DURATION : 45 DAYS

### At Diploma Level:

DEPARTMENT : Dyeing Deptt.  
ORGANIZATION : Jai Ganesh Dyeing Industry, Ludhiana, Punjab  
DURATION : 45 DAYS

### At Certificate Level:

DEPARTMENT : Printing Deptt.  
ORGANIZATION : Darbhanga Offset Printers, Darbhanga, BIHAR  
DURATION : 45 DAYS

## ACHIEVEMENT

- Member of Techfest- 2016 (College fest.)
- Worked as a secretary in KWEIZAR-2018 (College fest.).
- Worked as a health and medical committee of Metamorphosis-2013 (Collage fest).
- Runner up Sliet cricket premier league-2012.
- Roadies runner up organized by happy club (Sliet) -2016
- Won 2<sup>nd</sup> prize in Techfest-2016 (college fest.) in technical aptitude (departmental quiz).
- Convener of 2019 social fest (sliet) Decoration committee.

## SKILLS

- Excellent knowledge of Excel, PowerPoint, word.
  - Good judgment, reliability, initiative, integrity, and dependability.
  - Excellent written and oral communication skills. Be able to present a case briefly, logically and, professionally to all levels of management.
  - Solid decision-making ability.
  - Strong personal skills; enthusiasm, a desire to learn, critical thinking, flexibility and dependability.
  - Good organizational skills with solid administration background.
  - Daily subject matter expert with coordination of team members.
  - Monitors daily operations of staff and provides suggested feedback regularly.
- Operations management

## HOBBIES

- Learning New Things in the field of instruments.
- Reading Newspaper for being updated about Society.

## LANGUAGE KNOWN

- English.
- Hindi.
- Punjabi.