

Sayali Nandkishor Borse

(091) – 9762442865

Dear Sir/Madam

Please accept this letter and the accompanying resume as an expression of my interest for the position of 'Students affaire Graduate assistant'.

I have completed B. Tech in Production Engineering from College of Engineering, Pune, one of the top 20 colleges in India. Currently I am working in Cummins Inc. as an 'Assistant Manager' for past 8 months. And I will be part of Industrial and System engineering department at Rochester Institute of Technology, starting Fall-2013.

I have worked for more than a year and half in Cummins Inc. in different areas like Quality Assurance, Supply Chain Management and Manufacturing Functional Excellence, I have learnt the practical aspects of engineering, such as working in a multi-functional team, efficiently negotiating with suppliers, and managing resources. My experience in a multinational company helped me in improving my communication skills, and time management.

In my current role, I support in developing training materials for shop floor Associates where-in we develop easy to understand and interactive presentations in Microsoft Powerpoint. I was also responsible for facilitating training sessions on Lean Manufacturing for a group of 40. To keep track of plant performance deliverables and for presenting technical reports to higher management, I efficiently used Microsoft word and Excel.

Doing my bit for the society I have been working for "Nivant Andha Mukta Vidyalaya" a blind student's institute for over 7 years. I have been helping students as their writer for examinations along with voice recording some of their academic material. I am proud to say that my efforts have helped my blind friends to complete their undergraduate and graduate degree, and even to get jobs in renowned organizations.

I would like to work in your _____ where my performance with my skills and knowledge will meet RIT's goals and needs. I believe that I could make significant contribution in the team.

If you find me eligible to serve you, please contact me at above telephone or email me on sayaliborse@gmail.com

Thank you for your consideration. I look forward to your response.

Yours Sincerely

Sayali Borse

SAYALI NANDKISHOR BORSE

E- mail: - sayaliborse@gmail.com

EDUCATION

Education Qualification	University/College	Percentage/ GPA
B. Tech	College of Engineering, Pune	8.07/10
Higher Secondary school certificate	Maharashtra state board	89.5%
Secondary School certificate	Maharashtra state board	90.13%

INDUSTRIAL EXPERIENCE

Assistant Manager- Manufacturing Functional Excellence (Cummins India Ltd.)

Responsibilities include:

1. Developing Value Stream Mapping
2. Establishing Lean Manufacturing
3. Implementing KAIZEN, 5S

INTERNSHIP EXPERIENCE

Resolving customer complaints using 7-step problem solving technique-Cummins India Ltd.

The project deal with identifying the problem, analyzing the root causes and eliminating them completely at grass root level for major complaints of Engine Cylinder Head.

Travel Card Design- Cummins ReCon (Cummins India Ltd.)

Travel card is a form of check sheet that contains history of processes on individual component, process results, and operator remark. The card was designed for different models of cylinder head, connecting rod and injector.

Evaluating and Implementing PEEP, Cummins India Ltd.-PGBU

‘Place for Everything & Everything on Place’ deals with inventory reduction and control by Locator consolidation method and synchronization of physical and system activities of Material handling.

Analysing and compiling Partbook for Export business- Cummins India Ltd.-PGBU

The Partbook is a Data collection of 1000 parts used in assembly of Export Generator Sets. The data was further analysed in terms of design of storage system, material handling method, Line feeding system for new plant set up at Phaltan.

ACADEMIC PROJECTS

Basics of Six Sigma-

The study was focused on key concepts in Six Sigma, role of 1.5 sigma shift, **DMAIC**, **DMADV** methodologies, Quality tools used, Management roles (Executive Leader, Champions, Master Black Belts, Green Belts), along with case studies.

Design of Blower Assembly-

Using CAD/CAM software **SolidEdge**, components of Blower are designed as per the drawing and assembled. The focus was study of solid modelling concepts like engineering drawing, coordinate system, Datum, Curves, Surfaces, Set theory of Solid, Half space, B-rep, CSG, Sweep, and Finite Element Analysis using **ANSIS**.

Design of 2-Stage Gear Reduction Unit-

Design a two stage gear reduction unit in which input shaft rotates at 1440 rpm. It receives Power of 20KW. Output shaft rotates at 180 rpm.

Study of Friction Drilling Process-

Friction Drilling is a non-traditional, hole making process having wide applications in sheet metal. The project was focused on study of tool geometry, material, input/ output parameters of process, experimental analysis and applications in various fields.

COMPUTER SKILLS

- Expertise in CAD/CAM software CATIA, SolidEdge, ProE
- Working knowledge of ANSYS
- Working knowledge of Pneumatic and Hydraulic circuits and has experience of using **FluidSim**.
- Working knowledge of MS office.
- Programming language:- C

OTHER SKILLS AND STRENGTHS

- Communication Skills
- Team Player
- Hard-working

FIELD OF INTEREST

- Supply Chain Management
- Operations Research
- Quality Control
- Project Management

ACHIEVEMENTS

Academic

- Ranked **1st** in Production Engineering department in Senior Year
- Ranked among Top 10 overall in Department
- Qualified for National Talent Search Scholarship. (Among top 0.1% in about 1.5million students)

Sports

- Participation in Regatta-08 (Kayak races)

EXTRA-CURRICULAR ACHIEVEMENTS

- Participated in CNC Programming Workshop
- Participation in 'Intelligence Design-3D' in Mind-Spark-10(State level college event).
- Qualified and successfully completed 'Summer Program' for students in IUCAA.

LANGUAGES

- English US/UK
- Hindi
- Marathi