

RUDRAGOUDA PATIL

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KARNATAKA.

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CAREER OBJECTIVE:

To work in a challenging position where I can solve problems in creative manner and also to use my skills in the best possible way for achieving the organisation goals.

EDUCATION QUALIFICATION:

| SL NO | Qualification | Institute | Board/University | Year | Percentage /CGPA |
|-------|----------------|--|--|------|------------------|
| 1 | BE(Mechanical) | SDM College of Engineering and Technology, Dharwad | VTU Belagavi | 2019 | 8.17 (CGPA) |
| 2 | SCIENCE | Prism PU Science college Saptapur,Dharwad | Karnataka board of pre university | 2015 | 87.83 |
| 3 | SSLC | Pavan English Medium High School, Dharwad | Karnataka secondary board of education | 2013 | 91.04 |

WORK EXPIRIENCE:

| SL NO | Designation | Organisation | Experience |
|-------|------------------|--|----------------------|
| 1 | Trainee Engineer | QuEST Global Engineering Services Pvt Ltd Belagavi | Nov-2019 to Oct-2020 |

PROFESSIONAL EXPERIENCE:

Project Title : Design and Development Activities of Aero Engine Components (Concessions/DP).

Responsible for all the activities required to execute the project successfully.

- Currently working for Roll-Royce Plc Germany, in Global Producibility Team as Design assessor for Turbine Concessions & Deviation Permit.
- Address the non-conformance (dimensional, geometrical) occurred during manufacturing of aero components based on the inputs provide by the suppliers in the form of SAP data with necessary supporting documents.
- Carrying out detailed Technical Investigation to ascertain impact of Design Changes on Fit, Form and Function of the parts.

- Applying all necessary hand calculation, GD&T, process compliance, manufacturing knowledge and material selection to achieve best solution for the non-conformance to avoid the disposal of the component.
- Investigating the non-conforming feature by interpreting component/ assembly part drawing and related documents and Standards to addressing it into proper signatory approvals if needed i.e., design, stress, air system, aero thermal etc.
- Propose for definition Alteration request for the non conforming feature based on feasibility study of component definition.
- Preparation of Technical Report and write-up and discussing the outcome with various specialists approvals and presenting it into NCA delegation for final approval.
- Responsible for preparing dispositions for product non-conformance to restore the aircraft structures to meet the intent of the certified design.
- Coordination with Customer and Onsite coordinators to resolve queries/Info needed and to ensure good quality work and to ensure on time delivery.
- Finally deliver disposal or acceptance report to the supplier.

ACADEMIC PROJECTS:

Major project: Design and fabrication of solar powered paddy threshing machine (8th Sem Major Project). It was mainly designed at low cost suitable for small scale farmers which is simple and easy to use, reduces human effort and no fuel consumption.

Minor project: Design and Fabrication of Ratchet and Pawl Mechanism. (6th Sem Mini Project.) Jan 2018– May 2018. It serves as teaching model while teaching mechanisms as a part of course kinematics of machines.

INTERNSHIP:

- Internship on “Complete Manufacturing Process Of Steel” at JSW Steel Ltd. Toranagallu, Karnataka.
- Internship on “Manufacturing Of Mould Making Machines” at DME INDIA PVT. LTD. Shinoli, Maharashtra.

TECHNICAL SKILLS:

- Auto-CAD
- Solid-edge
- ANSYS
- Unigraphics
- Microsoft Excel

ACHIEVEMENTS:

- Participated in PRABUDDHA BHARAT SEMINAR at STEP-A STATE OF THE NATION CONCLAVE 2016 PRABUDDHA BHARAT AT VTU BELAGAVI.
- Attended workshop on aspiration profiling.
- Participated in events conducted during National level techno cultural fest INSIGNIA held at SDMCET Dharwad.
- Completed training program on automation technologies held at SDMCET Bosch Rexroth centre.

EXTRACURRICULAR ACTIVITY:

- Participated in India Film Project 2016.
- Volunteered in PRIME-18 National Conference of Mechanical Department.
- Team member of Quest CSR organisation.

PERSONAL DETAILS:

- Languages Known : English, Kannada, Hindi
- D.O.B. : 01/04/1997
- Gender : Male.
- Nationality : Indian.
- Hobbies : Playing cricket, Badminton and Carrom.

DECLARATION:

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

Date:

Place:

(Rudragouda Patil)