
Objective

To upgrade myself to the highest level of proficiency in Diesel Technology.
Seek challenging assignments in Product Development & Application.
Use my analytical and technical skills to enable the organization achieve its targets and growth.

Synopsis

- Two years experience in Product Application & Development.
- Expertise in application of embedded software for automotive applications.
- Acquaintance in automotive sensor technology.
- Implementations of new software logic for automotive applications.
- Experience in control engineering concepts and application.
- Hands on experience in rigging and using application hardwares ES690, MP Lab ICD.
- Expertise in handling field complaints using Cause-Affect analysis.
- Low Pressure Circuit measurement and Validation

Professional Competency

Since Dec-04 **Motor Industries Company Ltd. (MICO)**: A flagship company of BOSCH Group)

Designation: Application Engineer (Product Application)

Responsible for:

- Fuel Injection Equipment development and application for passenger cars/LCV/HCV for BS-II & BS-III emission norms.
- Engine calibration for performance and emission.
- Emission optimization on Chassis dynamometer.
- Exhaust Gas Re-circulation optimization on the vehicle with Electronic Control Unit.
- Low Pressure Circuit measurement and validation on LCV/HCV.
- Euro Stage-II projects for overseas Tractor application.
- Electronic controller (P, I & D governor) optimization.
- Customer support for product development.

Additional responsibility:

- Application support for Service and Quality Departments.
- Support other plants (BanP/JaP/NaP) for production and quality issues.
- Support for System Assessment of under-development projects.
- To tackle Field complaints (if any) for all running applications.
- Documentation/Quality system as per TS16949.

Professional Training

- Electronic Diesel Control at MICO.
- Common Rail diesel injection theory and application procedure from STZ, Germany at MICO.
- SAP-PS.
- Audit training for TS 16949.
- Business Communication Skills.

Professional Achievements

- Euro Stage-II emission with 30% improvement in Fuel economy compared to the base performance on 4-Cylinder engine for Basak Tractors, Turkey, with Torroidal type of combustion bowl.
- 15% improvement in Fuel Economy and better emission margins over base performance on TATA Ace BS-III application.
- Euro Stage-II emission on 3-Cylinder engine for Basak Tractors, Turkey, with Torroidal type of combustion chamber.
- Excellent handling of White Smoke issue at field on TML HCV application.
- Low Pressure Measurement and validation on TML HCV application.
- Troubleshooting for Black Smoke at field on TML LCV application.
- Effective tackling of Black Smoke problem at field on TML Passenger car application.

Overseas Assignment

Location: Basak Tractors, Adapazari, Turkey.

Project: 4-Cylinder EU Stage-II

- Engine modifications.
- Engine calibration for performance.
- Selection of Master engine for Type approval.
- Cylinder head modification to accommodate combustion pressure sensor.

Additional responsibility:

- Technical discussions for new designs of combustion bowl.
- New Projects acquisition discussions with the customer.
- Training and awareness to the customer about Fuel Injection Equipments and Fuel Injection Pump setting for static timing.

Academic Credentials

- **First Rank** in B.E. (Mechanical Engineering) from KUVEMPU University (University B.D.T. College of Engg. Davangere, Karnataka) securing **85.0%** (Nov 2003).
- **Three Gold Medals** to credit for First Rank in Mechanical Engineering:
 - ✓ Shamanur Shivashankarappa Parvathamma Gold Medal.
 - ✓ Smt. Anusuya Bai Gold Medal.
 - ✓ Rajanhalli Smt. R Prema Ramananda Gold Medal.
- All India Senior Secondary Certificate Examination (AISSCE-1999), CBSE from Model Sr. Sec. School, Port Blair, Andaman & Nicobar Islands securing **81.0%**.
- All India Secondary School Examination (AISSCE-1997), CBSE from Vivekananda Kendra Vidyalaya, Port Blair, Andaman & Nicobar Islands securing **83.6%**.
- Elective Subjects:
 - Tribology and Bearing Design.
 - Propulsion.

Extra Curricular Activities

- Second place in Technical Talk at Mechanical Engineers Forum (MEF).
- Joint Secretary for MEF-2002
- Student's Secretary for MEF-2003.
- First place in Inter-Collegiate Skit competition.

Computer Skills

- Languages : C, C++, UNIX.
- Packages: AUTOCAD®14, SOLIDWORKS 98, ANSYS 5.4, CAPS Mill, MS Office.

Strengths

- Excellent communication and presentation skills.
- Meticulous planning, co-ordination and effective execution.
- First-rate Customer interaction skills.
- Flair for sales.
- Acceptability in team, flexibility and accountability.
- Potential leader.
- Effective Project management.
- Methodical Cause and Effect analysis skills.

Personal Profile

Date of Birth : 04-07-1981
Marital Status : Single
Languages known : English

Declaration

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

Date:
Place: