

## PERSONAL DETAILS

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Name: BILIN BABU  
Residential Address: Kinganamchira (H), I E Nagar P O,  
Changanassery, Kottayam, Kerala  
Mobile: +919099929552  
Email: bilinkinganamchira@gmail.com

## WORK EXPERIENCE

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**April 2022 – Till date**

### **Mahindra & Mahindra LTD**

Manager – SUPPLIER TECHNICAL ASISTANCE, Component Development and Materials Management

- Responsible for development of EGS commodities in Passenger car segment, Product Line – tyre, Extruded Rubber Part, moulded rubber part
- Responsible for meeting project gateways as per Mahindra product development system.
- To study the received drawing and to confirm the manufacturing feasibility along with supplier.
- Develop components with vendors within time, cost and quality objectives.
- Supporting pricing cell in cost estimation activities component wise and details costing of the components/new part
- Vendor analysis and rationalization for capacity assessment, time frame agreement
- Responsible for supplier PPAP audits and PTR clearance
- Responsible for preparing CIR (customer input requirement), synthesis of supplier tech proposal for Tire commodity in adherence to SOR.
- Co-ordination with DAC, supplier QA, and project team to ensure First time right and end delivery of product.
- Provide support to various project teams for Business Case, Planning, Budgeting, and Project and Target costing.
- Performance analysis, tracking and progress monitoring of different projects.
- Identify critical path activities and develop risk mitigation plans.

**Oct 2019 – April 2022**

### **Continental Surface solutions**

Deputy Manager – Program Management and New product development (Indian OEM)

- Technical window for the Indian OEM customers.
- Management and co-ordination of all technical aspects of Transfer projects and new product developments.
- Project Management
- Management and co-ordination of sub projects
- Nomination of project team members in consultation with the department heads
- Planning, co-ordination, controlling of the project including project status reporting.
- Decisions regarding agreed cost and resource targets, quality and timeframe Participate in project team activity / assignments.
- Organize sample submission and test report/drawing preparation / submission with respect to the timeline.
- Responsible for meeting the specific technical requirements of the client.
- Ensures quality awareness, achievement of customer quality targets and customer service commitments.
- Obtain necessary approvals from customers (Tier-1, OEM)
- Guarantees Product Lifecycle processes are strictly followed.
- Provides technical support and data to the sales team for the price calculation.
- Consults and provides technical knowledge to the sales team.
- Develop the test procedures and performance requirements as per OE requirements.
- Support QA Team for PPAP submission, approval.

- Conduct joint testing as required by OEMs.
- Key team member for DFMEA,PFMEA,CP, inspection plan, WI and SOP preparation

**June 2018 – Oct 2019**

**CEAT Tyres Ltd, Vadodara**

Asst. Manager – Product Development (Commercial Bias)

- Facilitate new product development process / co-ordinate with CFTs.
- Organize and coordinate with the testing team for indoor and outdoor test requirements.
- Organize for the homologation and certifications for OEM/New Product Development.
- Incorporate inputs from market visits, competitor activities analysis and customer sales feedback in developing more application-based products within set timelines.
- Evaluate products on the field through product evaluation and testing team and collect feedback.
- Claim tire analysis and product improvement through value engineering.
- Preparation of DFMEA.
- Claim analysis and root cause identification with support of various quality tools like pareto chart, Control chart, A3, Cause and effect diagram.

**Aug 2013 – May 2018**

**Apollo Tyres Ltd, Kalamassery**

Senior Technical Executive – New Product Industrialization and process control (Farm/OTR)

- Product industrialization of New Products in preparation of prototype and prelaunch production run.
- Review Designs and conduct Manufacturing Feasibility in plant for New Product Roll out.
- Initiate trials for New Product Development (NPD) and Process industrialization.
- Prepare, renew, and verify all the relevant Tyre Engineering specifications, PFD/CP/PFMEA, Process Guidelines, Standard Operation Procedures (SOP) and design changes in plant.
- Coordinate all the technical activities in the Manufacturing Plant across Extrusion, Tyre building and curing process.
- Conduct studies and experiments for process capability improvement and product improvement (Carry out Thermocouple study, Blow Point Study of tyres, Cut Tyre Analysis, Release tracking and adherence of timelines.
- Product QCD (Quality, Cost, Delivery) tracking till Sign off and initiative actions for improvements with CFT.
- Responsible for periodic process and product improvement and validation of all released products; and disposition of non-confirming products.
- Troubleshoot in Tyre building and Curing process.
- Initiate and manage the Quality Improvement Projects, Process Development & Improvement, Scrap Reduction & Output Increase, and Quality Auditing.

**May 2012 – July 2013**

**Alliance Tire Group, Tirunelveli**

- Shift In charge - Technical
- Coordinate all the technical activities in the Manufacturing Plant across Tyre building and curing process.
- To take full responsibility of the shift in terms of management and smooth running of the tyre manufacturing processes.
- To take full responsibility of the quality and product that is produced within the shift in line with the company's quality systems, processes and procedures.
- Monitor and report on technical related process and product performance.
- To ensure good communication is given either verbally or written to all members of staff.
- Escalation of any deviation/abnormalities to Senior Engineer / Process Engineer.

## EDUCATION

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Jul 2008 – May 2012	<b>Mahatma Gandhi University, Thodupuzha,</b> B.Tech – Polymer Engineering
May 2008	<b>S B Higher Secondary School, Changanassery, Kerala</b> Higher Secondary Education (HSE)
May 2006	<b>Kristu Jyoti Higher Secondary School, Changanassery, Kerala</b> Secondary School Leaving Certificate (SSLC)

## ACHIEVEMENTS

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### Continental surface solutions:

- Successful transferred projects for Continental surface solutions (Green field program) from other global plants of Continental BK AG Hannover, SSL Poland, SSL Spain, and BCC China.
- Successfully developed and launched Artificial leather used in seats and Door inserts for TATA Harrier, Nexon- dark editions, Safari Adventure. Development completed in 3 months against a standard lead time of 12 months

### CEAT tires:

- Increased 5% sales in Bias light commercial vehicles by Implementing Value engineering.
- Reduced service claim and played critical role in promoting 3 wheeler LM segment sales by redesigning and relaunching 4.50-10 rib tire.
- Resolved surface ageing crack on light commercial bias tire side wall for SML.

### Apollo tires:

- Improved productivity in OTR and TBB by reducing Tire curecycle time by conducting thermocouple studies and blow point.
- Improved First time right yield of OTR to 90% from 78% by conducting trouble shooting and in process controls.

## SKILLS

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### Soft Skills:

- ⊙ Communication.
- ⊙ Time Management.
- ⊙ Teamwork.
- ⊙ Leadership.
- ⊙ Adaptability.
- ⊙ Creativity.
- ⊙ Self-motivation

### Hard Skills:

- ⊙ Project Management skill-onsite and remote.
- ⊙ Quality Management- APQP, PPAP, PFMEA, DFMEA, CP, SPC, Lean Six sigma Management
- ⊙ Analytical Skill- data analysis, interpretation, and reporting.
- ⊙ Presentation skills
- ⊙ Customer Handling- Major OEM's Handled TATA Motors, BAJAJ Autos, MSIL, SML , AL

### Computer Skills:

- ⊙ Microsoft Office (MS Word, MS Excel, MS PowerPoint, MS Outlook)
- ⊙ SAP ERP, PLM

### Language Skills:

- ⊙ English – Fluent
- ⊙ Hindi – Fluent
- ⊙ Malayalam – Native
- ⊙ Tamil – Fluent

## INTERESTS AND ACTIVITIES

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Sports Enthusiast    Cooking    Gardening