

## JAY KRISHNA KUMAR

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### **Objective:**

To pursue a challenging career in a progressive environment where learning, innovation and creativity are encouraged, where my skill set can be enhanced to their maximum potential to contribute to the overall success and growth of the organization.

Exam	UNIVERSITY/ COLLEGE/ BOARD	Year	%	Class
B.TECH	POLYMER SCIENCE AND ENGINEERING, CUSAT KOCHI	2015	61.82	First
XII <sup>TH</sup>	M.M.M.V.COLLEGE MADHEPURA (BSEB)	Feb-09	63.00	First
X <sup>TH</sup>	K.P.N HIGH SCHHOL PIPRA KARAUTI (BSEB) PATNA	March-06	60.14	First

- ✚ Characterization of Epoxy Resin reinforced with Poly caprolactam composites  
March 2014-September 2014  
Cochin University of Science and Technology, Kochi, Kerala, India  
Guide: Dr. Jyotish Kumar-CUSAT, Kochi, Kerala, India.
  - ✚ **One month training** at Indian Rubber Board Kottayam (**Govt. of India**) on Rubber Technology.
  - ✚ **Prediction of service life of natural rubber based products.** January 2015-March 2015  
Rubber Research Institute of India, Kottayam, Kerala, India Guide: Joy Joseph ,Senior Scientist  
Rubber Technology Division, RRII
  - ✚ **Training in Tire Technology.** Apollo Tyres, Kochi ,Kerala, India March 2015- April 2015
  - ✚ Microsoft office ( Excel, Word, PPT etc.
  - ✚ Participated in the manufacturing of **Control Plan** and **FMEA** of Rubber hoses and Reclaim rubber.
  - ✚ MSA study as per plan and training to associates.
  - ✚ Mixing, Compounding and New Product Development.
  - ✚ **Raw Material & Finished Goods Testing as per ISO and ASTM standards**
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### **WORK EXPERIENCE**

Presently working in ALP AEROFLEX INDIA PVT.LTD. (Rudrapur.Uttarakhand)Oct 2020 to till Date  
(Manufacturing of NBR & EPDM Foam Sheet and Tube, Lamination With Aluminum foil and Glass cloth, Eco  
tape & Aero Tape)

**Designation: Asst. Manager R&D**

**Reporting To: Plant Head**

**Job Profile:**

- + Specifications.
- + Mixing, Compounding & Costing
- + Product Development
- + New development trail
- + Handling Incoming Raw Material
- + Process and Product related audit as per plan.
- + Handle Lab Activities.
- + Extrusion process of sheet and tubes followed by continuous vulcanization
- + Handling Batch Oven system.
- + Accosound Manufacturing Process
- + ECO & AERO Tape Manufacturing Process
- + Handling Customer Audit.
- + Training Given to Internal mixer Operator.
- + Safety and Fire Training Given to Operator, Helper, Supervisor And Shift Engineer

Manager- New Product Development & Quality Assurance  
**Power Rubber Industries, Thane ,Maharashtra**

*Nov 19 – July 20*

Job Profile - Manufacturing Automotive Parts  
Drawings, Specifications, Compounding, Costing & Product Development  
Maintain all documents according to ISO 9001: 2016  
Responsible for developing APQP, PPAP, PFD, FMEA, Control Plan, CAPA and Customer compliance  
Process and Product related audit as per plan  
Handle Lab Activities.  
Maintaining shift activities

Assistant Manager-Technical  
**Swarna Rubber Industries, Ludhiana, Punjab**

*Sep 18 – Nov 19*

Job Profile – Manufacturing and Processing Reclaim Rubber

New machines set-ups and validation and releasing for production.  
Scrap and defect control related to Stocks  
Preparation of Q related activities action plan and tracking for reduce the chronic issue.  
Maintain all documents according to ISO 9001: 2015  
Responsible for developing PPAP, PFD, FMEA, Control Plan & CAPA  
Process and Product related audit as per plan  
Handle Lab Activities.  
Maintaining shift activities

Assistant Manager-Quality Assurance & Quality Control  
**Horizon Reclaim Private Ltd, Saharanpur, Uttar Pradesh**

*July 16 – Sep 18*

Job Profile – Manufacturing and Processing Reclaim Rubber  
New machines set-ups and validation and releasing for production.  
Scrap and defect control related to Stocks.  
Preparation of Q related activities action plan and tracking for reduce the chronic issue.  
Maintain all documents according to ISO 9001: 2008.  
Responsible for developing PPAP, PFD, FMEA, Control Plan & CAPA  
Process and Product related audit as per plan.  
Handle Lab Activities.  
Maintaining shift activities.

Assistant Manager  
**United Rubber Industries (I) Private Limited, Bhayandar, Mumbai**

*July 15 – July 16*

Job Profile – Rubber to metal bond products & EPDM, NBR, CR, Silicone & Viton hoses  
Product defects control  
Process trouble shooting and Rejection Control  
Non-conforming material review  
Process audit  
Raw Material & Finished Goods Testing as per ISO and ASTM standards  
Responsible for developing PPAP, CAPA, APQP, CONTROL PLAN & 7QC Tools  
Maintaining the documents as per OEM's requirement  
Maintain all documents according to ISO/TS 16949: 2008

## **INTERNSHIPS**

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**Rubber Research Institute of India, Kottayam, Kerala**

Dry rubber compounding, Latex compounding, Rubber processing, Product manufacture, Characterization and testing methods

**Apollo Tyres, Kochi, Kerala**

Tyre compounding, Calendering, Extrusion, Stock preparation, Tyre building, Green tyre preparation, Curing inspection, Product testing, Quality assurance, Laboratory testing and PCTR

## **RESEARCH PROJECTS**

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Prediction of service life of natural rubber based products

Guide : Dr. Joy Joseph, Senior Scientist, Rubber Research Institute of India, Kottayam, Kerala

Characterization of Epoxy Resin reinforced with Poly-Caprolactam composites

Guide : Dr. Jyotish Kumar, Research Professor, King Mongkut's University of Technology, Bangkok, Thailand

## **TECHNICAL SKILLS**

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Microsoft Office, Polymer Processing, Polymer Testing, Polymer Compounding

MSA study as per plan and training to associates

Product Development

## **ACHIEVEMENTS**

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Reduced the online rejection rate by continuous quality improvement

Archived and Maintained 1000 PPM.

Modified the lab work instruction as per ISO and ASTM Standards.

Cost Reduction

Archived and Maintained <7 %

Raw Material Standardization

## **BASIC INFORMATION**

Name	Jay Krishna Kumar
Birth Date	3 <sup>rd</sup> Jan 1991
Father's Name	Upendra Prasad Yadav
Sex	Male
Language	English, Hindi
Marital status	Married
Nationality	Indian
Religion	Hindu
Hobbies	Cricket, Traveling, Reading books

Present address                      Rudrapur (Uttarakhand)

Permanent address                Vill-Chharaapatti, Thana-Udakishunganj, Dist-Madhepura (Bihar) 852220

**Notice Period- 30 days**

Current Salary: **Rs.7.3 lacs/annum**

I assure you that above information is true.

Place: Rudrapur  
**06/06/2022**

Yours faithfully, Date:  
**Jay Krishna Kumar.**

**REFERENCES**

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Mr.Dablu Kumar  
Technical Manager  
Ceat Tyres, Mumbai,Maharashtra  
[Dablu.Kumar@ceat.in](mailto:Dablu.Kumar@ceat.in)

Mr.Ramakant Mandal  
Manager  
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Anup Chaurasia  
Senior Manager  
Power Rubber Industries,Thane ,Maharashtra  
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Dr. Jyothish Kumar  
Research Professor  
Center of Innovation in Design and Engineering for Manufacturing  
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