

## CURRICULUM VITAE

**ANKIT DWIVEDI**

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### OBJECTIVE

To be part of a work culture where I can get an opportunity to utilize my technical skills and knowledge in the field of **Polymer & Material Science Technology** through a position offering significant challenge and development opportunities in Polymer Material R&D, Rubber Compounding, PVC Compounding, Production, Processing while gaining practical industrial experience with an organization of repute.

### ACADEMIC RECORD

Qualification	College / University	Year of Passing	Class/ Division	Percentage
M.Sc. Tech in Material Science. & Engineering Tech.	CIPET, BBSR Utkal University of Bhubaneswar Odisha	2011 TO 2016	1 <sup>st</sup> Class	64.8%
H.S.C (XII)	Sarvoday Inter College Pratapgarh	2010	1 <sup>st</sup> Class	68.2%
(S.S.C.) 10 <sup>th</sup>	R.A.S HSS Pure Chattu, Pratapgarh	2008	1 <sup>st</sup> Class	70.1%

### CAREER PRECISE

- ⇒ A seasoned professional with over **5.2 years of experience** in the field of **Rubber & PVC Compounding**, Quality Assurance, **Research and Development (R&D)**.
- ⇒ Successfully handled ISO & IATF implementation and material inspection.
- ⇒ Sound knowledge of various types of plastic compounds, color matching, raw materials & compound testing and machine operations.
- ⇒ Well versed with extrusion, Injection molding, system control and implementation of ISO 9001:2015 & IATF: 2016.
- ⇒ Proficient in identifying improvement areas and implementing techniques for reducing rejection level and consumption of resources.
- ⇒ Handling customer complaints, root cause analysis and implementations of new methodology to reduce customer complaints.
- ⇒ Strong analytical, problem solving and organizational ability

### COMPANY PROFILE & JOB RESPONSIBILITY WITH EXPERIENCE

**Sept. 2015 – April 2017**

**Organization:** ALP Aeroflex Pvt. Ltd., Uttarkahand

**Designation:** Sr. Engineer. – R&D (PVC & EPDM, NBR Compounding)

### **Job Profile:**

#### **Research & Development Projects**

- ⇒ Development of various **PVC compounds**: - Plasticized & un-plasticized.
- ⇒ Development of compounds for automotive **Trim, Profiles (Solid/Sponge), Car Mats, Scooter mats, Door Mats, Wind Shield, Door Seal, Weather strips, Arm rest, Roof jointer, Shower seal, Color granules** for Tiles etc.
- ⇒ Cost reduction of PVC& EPDM compounds by different research & development activities.
- ⇒ Color matching of PVC compounds.
- ⇒ Documentation of R&D projects as per DSIR.

#### **Materials Inspection - Incoming and In-House**

- ⇒ Controlling and monitoring quality standards for incoming materials, ensuring stringent adherence to quality standards, identifying gaps and taking corrective action.
- ⇒ Conducting incoming inspection of various components, including testing and measurements as per standards.

#### **IATF 16949 Audits:**

- ⇒ Conducting internal and external audits.

**Lab Instruments AMC/Calibration:** Maintain the calibration & documentation of lab equipment's.

#### **Quality Assurance**

- ⇒ Implementing Process and Quality Plans; undertaking various studies for critical parameters. Implementing customer specific quality system activities.
- ⇒ Maintaining the quality of product through line / final inspection, rejection accountability, corrective and preventive action.
- ⇒ Overseeing implementation of quality systems like ISO 9001:2015, IATF:16949

#### **QMS Implementation & Compliance**

- ⇒ Ensuring adherence to In-process quality status by patrol inspection, product audit and manufacturing capability audit.
- ⇒ Reviewing analytical documents, general test procedures and their summary report.

#### **Man Management**

- ⇒ Assessing the training needs of the various employees in co-ordination with the various department heads in the respective departments
- ⇒ Coaching employees and counseling and reviewing performance, ensuring optimum performance.

**Company Profile:** ALP Overseas Pvt. Ltd. is providing world class sealing systems since 1984 in India and across the world. Group main focus has been **Automobiles, Mass transportation, Construction, Packing, Building, EDPM/ PVC/ TPE/ TPO sealing, EPDM Insulation Sheets, Tubes and accessories** for the refrigeration and air conditioning

**Materials Handled:** PVC Compounds, PVC/NBR Compound, PP Compounds, TPR Compounds, EPDM Compounds, Silicone Rubber, TPE Compound, DOP, DBP, DINP, DOA, TOTM, CPW, NBR, Blowing Agent, Heat Stabilizers, Flame Retardants, Lubricants, Carbon Black, Filler, Caoline clay, Epoxydized Soyabean Oil, Polypropylene (PP) and Poly Trimethylene Terephthalate (PTT), TPR,CPE, Etc.

#### **Machines/Instruments Purview:**

- ⇒ **Processing Laboratory:** Injection Moulding M/c, Compression Moulding M/c, Blow Moulding M/c, Single & Twin Screw Extruder
- ⇒ **Mechanical Laboratory:** UTM (Lloyd U.K.& International Equipment), Izod/Charpy Impact Tester (Ceast, Italy& International Equipment), Elmendorf's Tear Tester, Taber Abrasion Tester, Hardness Tester,
- ⇒ **Rheological Laboratory:** Haake Rheocord-9000 (Haake, Germany), Brabender Plastograph, Oscillating Disc Rheometer (ODR), MFI Tester (CeastItaly), Two Roll Mill, Brookfield Viscometer, Mooney Viscometer, MFI Tester etc.
- ⇒ **Characterization Laboratory:** DSC, TGA (Perkin Elmer, USA), FTIR, HDT Tester.

**April. 2017 – May 2018**

**Previous Organization: Mega Rubber Technology Pvt Ltd Manesar Gurgram.**

**Designation: In charge – Mixing, R&D (Rubber Compounding)**

**Job Profile:**

- ⇒ Controlling quality defect manually with the help of visual inspection
- ⇒ To develop new compounds as per customer requirement—for **Automotive Part, and Footwear** compound.
- ⇒ Reducing the quality problem with subsequent improvement.
- ⇒ Checking daily production sheet and observe the problem which affected to Quality.
- ⇒ Making Daily Quality Reports.
- ⇒ Ensuring compliance to quality standards and maintaining all related documents.
- ⇒ To handling routine product quality function. Follow up for continual improvement.
- ⇒ To handle inspection, measuring and test equipment independently.
- ⇒ Conduct internal system audit and drive the improvement activities, co-ordinate with market to resolve customer complaints and prevention.
- ⇒ Conduct meeting with concern department and follow up and improvements, implementation of corrective measure to avoid major failure.
- ⇒ Ensure that the quality processes are in line with the requirement of ISO-9001:2008.
- ⇒ Addressing non-conforming products and creating action plan to reduce them.
- ⇒ To conduct all types of calibration from outside.

**Company Profile:** Mega Rubber offer a comprehensive range of products designed specifically for the need of automotive, wire & cable and footwear component manufacturers confirmed with advanced research & development programs, rapid product development capability, stringent quality control, excellent manufacturing facilities and in-depth sales & technical services.

Sujan Group is an ISO 9001:2008 certified company having more than 32 years of manufacturing experience in the field of PVC compounding and Rubber Compounding.

**Present Working** in Riviera Home Furnishing Pvt. Ltd As Asst. Manager Latex Compounding & Testing Laboratory. A OEKO-TEX JA 59453H ,HIN-16495 Hohenstein and ISO 14001 certified company, manufacturing Home textile Product, Floorcoverings, Bathmats, Throws & Other Textile Product .. **Riviera Home Furnishing Pvt. Ltd A Riviera Group. as Manager in Compounding & Research & Developments Division since May 2018 to Till Date .**

**Job Profile & Reasonability**

- ❑ Making Cost effective formulations for Latex, XNBR, XSBR, XNR, with Other Liquid Rubber.
- ❑ Leading Laboratory & Mixing with PPC like Control Plan, And Ensure Raw Material & Chemical Testing.
- ❑ To Ensure Latex Rubber Compound Testing & All Laboratory activities.
- ❑ To Rectify Compound Testing which does not meets as per Laboratory Specification. & ASTM, ISO Specification.
- ❑ Meeting Targets on time, For Shipment, and Assist in Purchasing of Raw Materials.
- ❑ Ensure all Compound Mixing Parameters As per Standard.
- ❑ Reduction Compound rejection during production and to troubleshoot compound problems in molding process.
- ❑ Managing and Motivating People independently, a work force of more then 95 People.
- ❑ New Compound Development as per customer standard.
- ❑ Audit face for all customers Audit.
- ❑ Department improvements TPM. & FIFO.
- ❑ Report to Sr. General Manager (Technical).

**EXPERIENCE WORK WITH EQUIPMENT EXPOSURE****Rheological Laboratory**

Capillary Rheometer, Haake twin-screw extruder (Haake, Germany), Two-Roll mill (Dr. Collins, Germany), Melt flow Index Tester (Ceast, Italy), Mooney Viscometer (Brooke field, USA).

### **Testing Laboratory as Par ASTM and ISO**

Elmendorffs Tear Tester, Hardness tester, Total Solid Content, Viscosity, Specific Gravity, Universal Testing machine (UTM), Gelling Test Dispersion Test, Ash Content, Ageing test, DRC, FRC, Tensile Testing, pH Vale, Etc.

### **Rubber Compounding & Processing Laboratory: -**

Intermix, Batch of Mill, Open Mill, K Nidder, Extrusion Molding, Automatic compression molding machine, Etc.

### **DETAILS OF RESEARCH PAPERS PRESENTED IN INTERNATIONAL CONFERENCE**

**Title** : Rubber Compounding With Using of Plasticizer  
**Organization** : IIT, Kharagpur

### **M.Sc.Tech PROJECT**

#### **TITLE OF PROJECT:-**

“: STUDY ON EFFECT OF PLASTICIZER AND STABILIZER ON THERMO-MECHANICAL PROPERTIES OF PVC WITH CARBON BLACK Considered.” Under the guidance of Dr. Sandeep Kumar Shukla, Technical Officer, CIPET, Bhubaneswar, Orissa”

**PLACE:** - CENTRAL INSTITUTE OF PLASTIC ENGINEERING AND TECHNOLOGY (CIPET), BHUBANESWAR, ODISHA.

### **IT CREDENTIALS**

Operating Systems : MS Dos, MS-Windows  
Packages : MS - Office (Excel, Word)  
Application software : Auto CAD, PRO-E.

### **C.T.C**

**Current** : 5.5 per Year  
**Time of Joining** : - 14 /05 /2018  
**Notice Period** : - 15-20 Days  
**Expectation** : 7.5 per Year

### **PERSONAL VITAE**

**Fathers Name** : Mr. Subhash Chandra Dwivedi  
**Date of Birth** : 15 July, 1994  
**Marital Status** : Single.  
**Passport Number** :- N7912363 { Valid – 14-02-2026}  
**Languages known** : English, Hindi, Oriya, Punjabi  
**Permanent Address** : E-18 Indira Nagar R.D.A Raebareli Uttar Pradesh - Pin 229001

### **ABOUT MYSELF**

Loyal with professional attitude which takes great pride in work and achieve a career progression through hard work, self-confidence and the ability to work at any platform within a short period.

#### **DECLARATION:**

I hereby declare that the above mentioned particulars are true to the best of my knowledge and belief.

**Date:** 06-03-2020

**Place:** Raebareli Uttar Pradesh

**Yours Faithfully,**  
**Ankit Dwivedi**