

# CURRICULUM VITAE

## PRESENT ADDRESS

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## **SANJAY TYAGI**

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### OBJECTIVE:-

To work in a challenging environment as a member of team toward the accomplishment of organization goals with a difference.& serve the organization with difference by blending of scientific knowledge & innovation.

### WORK EXPERIENCE:-

**Name of the Organization : SAKATA INX( INDIA) LTD.  
Bhiwadi (Rajasthan)**

**Sakata Inx (I) Ltd.** is a 100% subsidiary of **Sakata Inx Corporation Japan**. It is an **ISO 9001, ISO 14001,& OHSAS 18001** Certified Company by **TUV Management service GmbH**. It produces all types of **Gravure,Offset & News inks**.

**Post Held : Sr. Chemist (Development &Tech.Service)**  
**Duration : 20 April 2004 to till now**

### JOB PROFILE:-

- Developing new inks & improves the running ink used in Gravure printing.
- Developing different types of Inks for various types of substrates such as **BOPP, POLYESTER, PVC,PE,MET BOPP,MET PET, AL.FOILand PAPER Film** etc.
- Raw material testing such as pigments testing resins testing and solvent testing. .
- General testing of inks such as **Tap test, Resolubility, Blocking, Bond strength, Water stability,Alkali test, Soap test, Fat resistance, Oil resistance,HR test,Rub resistance test,Abrasion test, Cof test, Light fastness test and Printing.**
- Testing of purity of solvent by **Gas Chromatography** and moisture test by **Karl fischer**.
- Comparative study of competitor inks.
- Implementing **ISO 9001** (Quality Management System), **ISO 14001** (Environmental Management System) and **ISO 18001** (Occupational Health and Safety Assessment System) in all above activities.
- Coordination between Production, Quality control and R&D Division.

## **PRESENT JOB ACTIVITIES /RUNNING PROJECTS :-**

- To optimize the raw material composition of the existing inks.
- To work on alternate raw materials in existing inks for cost reduction & quality improvement.
- To work on customer complaint & provide technical support to the marketing person for newly development inks.
- New product development & continual improvement in existing product..
- To work on K-pilot trials,after success of product in R&D lab.
- To manage the R&D library (up keeping records & books).
- To provide training to juniors regarding safety requirements.
- To provide preventive maintenance for lab equipment.
- Implement & maintaine 5S &3T on working place.
- Follow TPM on working place

## **Development /formulation of gravure inks :-**

- Nitrocellulose-polyamide based gravure /flexo surface inks.
- NC-PU based Gravure reverse inks.
- PU based flexo reverse inks.
- PU-Vinyl based Gravure reverse inks.
- Vinyl based Gravure reverse inks.
- Acrylic based reverse gravure inks.
- NC based foil/paper inks.
- Toluene & MEK free Gravure reverse inks.
- Mono solvent base Gravure reverse inks.
- Screen printing (vinyl base) ink from resudue.

## **TRAINNING ATTENDED:-**

- Technical Seminar on Gravure inks(later every six months).
- ISO-9001, ISO-14001,& OHSAS-18001.
- TPM (Total Productive Maintenance) .
- 5S ,3T & Six Sigma.
- Annual Safety Seminar.

## **INSTRUMENT HANDLED :-**

Couloucope-Abrasion tester , Heat resistance tester, Rub resistance tester, Tensile strength tester,COF tester, Hedgeman Gauge, Vibro Shekar (red-devel), Karl-Fischer, Light fastness tester. pH meter , conductivity meter, glosso meter, GLC , Raulimex Printing Machine , centrifuger , Spectrophotometer, Brooke Field Viscometer, Ford Cup Viscometer,FT-IR.

### **ACADEMIC QUALIFICATION:-**

- **M.B.A. (Operation Management & Marketing )** is appearing from **Sikkim Manipal University**.
- **B.Sc. (Math.,Industrial Chemistry, Chemistry)** with **Ist Div.** from **M.J.P.R University, Bareilly** in session **2001 TO 2004**.
- **S.Sc. (P.C.M.)** with **Ist Div.** from **U.P.Board of Secondary Education, Allahabad in 2001**.
- **H.Sc.** with **Ist Div.** from **U.P.Board of Secondary Education, Allahabad in 1999**.

### **COMPUTER SKILL:-**

MS Office.ERP, SAP & Internet etc.

### **EXTRA CURRICULAR ACTIVITES:-**

- Participated in N.S.S Camp organized at University level and received “B” certificate

### **SELF-ASSESSMENT:-**

- Highly Interactive, Team –Oriented & emphatic, Good in Communication, Co-operative, Positive attitude and Hard working.

### **PERMANENT ADDRESS:**

Vill/Post : Mahamdabad,  
District : Bijnor,  
Nationality : Indian  
State : UttarPradesh.  
Mob.No. : 09358908676

### **PERSONAL PROFILE:**

Father’s Name : Shri Rakesh tyagi,  
Date of Birth : 10 th April,1984  
Language Known : Hindi & English  
Marital Status : Single  
Hobbies : Reading Literature, Traveling

Place:

Date :

**SANJAY TYAGI**  
(Signature)