

# SUMIT SAGAR

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## CARRER OBJECTIVE

To be a good engineer and pursue a career in a company with competitive and friendly environment where I can apply my knowledge and skills, to learn continuously and improve myself while achieving organizational goals.

## EDUCATION

Qualification – Degree/ Certificate	Year	INSTITUTION	C.G.P.A / %
B.TECH Polymer Science & Chemical Technology	2016-2020	DELHI TECHNOLOGICAL UNIVERSITY	62.4
CBSE CLASS XII, PCM With C++	2016	KENDRIYA VIDYALAYA A.F.S BAWANA	71%
CBSE CLASS X	2014	KENDRIYA VIDYALAYA A.F.S BAWANA	8.2

## INTERNSHIP

**Institution :** ATUL PLASTIC PRODUCT Winter, DEC 17- JAN 18  
**Project Title :** PVC Products Specialization  
**Description :** Studied in detail about the units involved in manufacturing of Polymer products on Extruder & Injection Molding Machine

**Institution :** DELHI MILK SCHEME Summer, JUN 18 – JUL 18  
**Project Title :** Lab Analyst on Dairy Products  
**Description :** Studied in detail about the units involved in processing of Packaging Products, with lab analyst on Dairy products & processing of pasteurized products.

**Institution :** ASIAN PAINTS LIMITED , Summer, JUN 19 – JUL 19  
**Mentor :** Mr. Aditya Sinha ,Senior Manager,WBP Department,Asian Paints.  
**Project Title :** Eliminates Non Value Added Activities  
**Description :** Studied in detail about the units involved in manufacturing of Water based paint with worked on Project Such like eliminates non value added activities, like reduced some time on sample collection time, wash water flowing time & cleaning time for TSD

## ACADEMIC PROJECTS

### Minor Project

**Mentor:** PROF. RAJINDER K. GUPTA, PhD (Org. Chem.) & PhD (Microb., UI, USA), DTU  
**Project Title:** Conducting Polymer of Hydrogel Composite  
**Description:** \* Learned about forming of Hydrogel Composite using Conducting Polymer (PANI) with GO.  
\* Gained the insight knowledge of conducting Polymer (PANI) with Hydrogel Synthesis Technology.  
\* Compare the effectiveness of Hydrogel Composite using Conducting Polymer with various Test (SEM, DTA, DSC, XRD, FTIR and TGA tests) results.

### Major Project

**Mentor:** PROF. RAJINDER K. GUPTA, PhD (Org. Chem.) & PhD (Microb., UI, USA), DTU  
**Project Title:** Synthesis and Characterization of reduced Graphene Oxide – Gold Nanoparticles Composite Bio Electrodes for Glucose Electrode  
**Description:** \* Gained the Knowledge of Nanocomposites [ GO & ANUP's] of electrodes.  
\* Study about Synthesis, Various Characterization Techniques of GO-AU Nanocomposites electrode for Glucose Determination [XRD, UV & ECA(CV)].  
\* Analysis of Economical aspects in Nanocomposites for end use Application.

## SKILLS

- Project Management skills
- Polymer processing problem solving
- Good Communication and Presentation Skills
- Advanced Computer Knowledge, EXCEL & C++
- Ability to Visualize Complex Processes and their outcome
- Plastic Product Designing and Development (Experienced in NX-Siemens and AutoCAD)
- Have knowledge of Chemical Software Like ORIGIN, NOVA, ACD lab, with MES & DCS.
- Hands-on experience in Polymer & Chemical testing (UTM (UTS), ESCR, HDT, UV, RHT, ECA(CV), GLC, GC, PMI, etc.)

## EXTRA CURRICULAR ACTIVITIES

- Passionate about learning polymer and chemical science and technology
- Have leadership qualities in organizing and management of academic work, meeting and events.
- Got Pre Rajya Puraskar Award in Bharat Scout & Guide (BS&G).

## PERSONAL DETAILS

Date of Birth	:	24 <sup>th</sup> OCT 1998
Mobile No.	:	+91-8826156715
Email Id	:	<a href="mailto:sumitsagar065@gmail.com">sumitsagar065@gmail.com</a>
Father's Name	:	Mr. Raj Kumar
Mother's Name	:	Mrs. Urmila
Address	:	H No.: 340 Vill Bajitpur Thakran Delhi -110039
Language Known	:	English, Hindi
Nationality	:	Indian
Mobility	:	Ready to relocate anywhere in India and Abroad.

## DECLARATION

I am ready to continue my career and prepare to hard work in order to achieve my organization objectives and I hereby declare that the information furnished above is true to the best of my knowledge.

**SUMIT SAGAR**