

**Amit Kumar**

## (RESUME)



### Address for Correspondence:

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### CAREER OBJECTIVE

Seeking a suitable opportunity with an established organization of repute in accordance with my qualification experience and skill. Looking to utilize my existing skill set to increase company profitability. Also looking to learn furthermore experience.

### EXPERIENCE

#### HINDUSTHAN SPECIALITY CHEMICALS LIMITED.

**1. SALES ENGINEER – WEST INDIA**

**Duration:** Feb-2019 TO Oct-2020

**2. SALES ENGINEER – EAST INDIA**

**Duration:** Nov-2020 TO Present

Presently associated with “Hindusthan Speciality Chemicals Limited” since Feb-2019, which is a part of diversified “Hindusthan Group” involves into manufacturing of speciality chemicals (Epoxy Resin). Assisted clients with business plan, regular visit, advertising, Sells, Business Development, product sampling, product approval, taking repeating orders, payment collection, preparing data, etc.

### ACADEMIC BACKGROUND

Year(s)	Qualification – Degree	Board/University	College / Institute/ University	Percentage / CGPA
2015-19	B.Tech (Chemical Engineering with spec. in Refining and Petrochemical)	UPES	College of Engineering Studies	6.69/10
2014	XII	CBSE	St. Paul Sr. sec school, Samastipur, Bihar	81.40%
2012	X	CBSE	D.A.V Public school samastipur, Bihar	10/10

### PROJECTS/INTERNSHIPS

#### INTERNSHIP

**Techint India Private Limited. Thane, Maharashtra.**

**Duration:** 01<sup>st</sup> June 2018 to 30<sup>th</sup> June 2018.

**Project Title:** Process Designing (BFD, PFD, P&ID), Line sizing, Preparation of Datasheet for Storage Tank, Distillation Column, Pump, Heat Exchanger and Vessel.

**Mentor:** Mr. Rajendra Wagh, HOD Department Of Process Designing, Techint India Pvt. Ltd. Thane.  
Mr. Dhananjay Nilkute, Senior Process Engineer, Techint India Pvt. Ltd. Thane.

**Description:** The project aims to designing of BFD (Block Flow Diagram), PFD (Process Flow Diagram), P&ID (Piping and Instrumentation Designing), Line sizing and Preparation of Datasheet for Storage Tank, Distillation Column, Pump, Heat Exchanger and Vessel in prepared Excel Sheet. Also includes some basics of Aspen Hysis.

#### PROJECT

**University of Petroleum & Energy Studies, Dehradun, UK, India.** **Duration:** 10<sup>th</sup> Aug.2017 to 10<sup>th</sup> May 2018.

**Project Title:** Separation and recovery of Silver metals from synthetics solution or waste water using Supported liquid Membrane.

**Mentor:** Dr. Murali Pujari and Mrs. Rose Havilah Pulla (Ass. Proff. COES), Department of ChE, (UPES)  
**Description:** The aim of the project is to separate out Silver metals from industrial waste water by using Liquid membrane and after that the Silver are recovered. The Liquid membrane used here is Supported Liquid Membrane (SLM). This project includes designing and Fabrication of model for SLM. The name of the Membrane used here is Polyvinylidene fluoride (PVDF).

**PROJECT : (RISE) Research Initiative For Students of Engineering -2017.**

**University of Petroleum & Energy Studies, Dehradun, UK, India. Duration:** 20<sup>th</sup> jan.2017 to 18<sup>th</sup> Nov. 2017.

**Project Title:** Preparation of green nano-catalyst (nanoparticles) for clean drinking water.

**Mentor:** Dr. M Gopinath (AP-SG), Dr. KS.Rajmohan (AP-SG), Department of ChE, UPES.

**Description:** In this work, we have synthesized silver nanoparticles using Nirmali (Strychnos Potatorum) seed as coagulant and study its effectiveness towards ground water treatment. To achieve this objective, first extraction of phytoconstituents from the Nirmali seed was carried out. It was followed by biosynthesis of Nanoparticles. Thus prepared nanoparticles are characterized using FTIR, UV-Spectroscopy and XRD. This Nirmali seed based drinking water treatment will be useful to provide safe drinking water to rural areas.

#### TECHNICAL SKILLS

<b>Characterization</b>	: Fourier transform infra-red (FTIR) , XRD, UV Spectroscopy.
<b>Water Treatment</b>	: pH, Total Dissolved Solids (TDS), COD (Chemical Oxygen Demand), BOD.
<b>Synthesis of AgNPs</b>	: Solution making of Silver Nitrate <b>AgNO<sub>3</sub></b> .
<b>Software</b>	: Basics of MATLAB, Basics of COMSOL, Aspen Hysis, MS Office.
<b>Technical</b>	: Process Designing, BFD, PFD, P&ID, Line Sizing, Datasheet, Fluid Sheet,

#### SKILLS & EXPERTISE

- Adaptable
- Good Power point Presentation.
- Good in problem solving, and creative thinking.
- Good in blending-in with other people.
- Good in managing workloads in times of pressure.
- Project Management, Team Management, Time Management.

#### PERSONAL DETAILS

Date of Birth (DD-MM-YYYY) : 20-October-1996  
Father's Name : Vinod Kumar  
Mother's Name : Shail Devi  
Gender : Male  
Mobility : Global  
Nationality : Indian  
Home Town : Samastipur, BIHAR  
Permanent Phone No. : +91-7055378163,  
Languages Known : English, Hindi  
LinkedIn Profile : <https://www.linkedin.com/in/amit-kumar-710830142/>

I declare that the details mentioned above are correct and true to the best of my knowledge.

**Amit Kumar**