

Bhagyashri Verma

B.Tech| CST| IIT Patna

College graduate. Passionate about studying how to improve performance. Seeking to leverage data analytical skills to improve corporate performance as a data analyst.



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Mansarovar, Jaipur, India



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SKILLS

Communication Skills

Leadership Skills

Creative Problem Solving

Programming (C, JAVA)

Math

LANGUAGES

English



Hindi



French



COURSEWORK

Introduction to
Computing (C)

Object Oriented
Programming and Data
structures (JAVA)

Introduction to
Numerical Methods

Computational
Chemistry

Soft Skills

WORK EXPERIENCE

SUMMER RESEARCH INTERN

R&D Dept.| Marico India Ltd.| Andheri East, Mumbai

05/2016 – 07/2016

Achievements/Tasks

- Researched on effects of surfactants used in soaps, shampoos and conditioners on hair proteins and classification of them into mild and Harsh-Zein test

SUMMER RESEARCH INTERN

R&D Dept.| Zoetis Inc. | Turbhe, Navi Mumbai

06/2017 – 07/2017

Achievements/Tasks

- Researched on the effects of temperature and use of surfactants on reaction kinetics for optimizing an API producing reaction for higher conversion | Chemical Reaction Design Dept.
- Developed the mathematical model of an ANFD dryer using MATLAB to obtain required moisture content in the final product and verified the results using the excel model for lumped model and MATLAB model for axial variation of heat using heat & mass transfer equations | API Pilot Plant

UNDERGRADUATE PROJECT

Chemical and Biochemical Engineering | Indian Institute of technology, Patna

06/2017 – 05/2018

Achievements/Tasks

- Performed experiments to prepare photo catalyst graphitic carbon nitride with suitable band gap (>2.72 eV through nano sheets or nano tubes) to convert carbon dioxide into useful products such as formaldehyde, methane, methanol, etc. using visible IR solar radiations.

EDUCATION

Bachelor's of technology

Indian Institute of Technology, Patna

07/2014 – 05/2018

Patna, Bihar | CPI-8.62 | SPI- 9.26 (8th Semester)

AISSCE Examination, 2013

India International School

04/2011 – 03/2013

Jaipur, Rajasthan | PCM Percentage: 91.5

AISSE Examination, 2011

India International School

04/2009 – 03/2011

Jaipur, Rajasthan | Cum. GPA: 9.4

RESPONSIBILITIES

General Secretary| Student Gymkhana| Girls Hostel, IIT Patna (04/2016 – 04/2017)

Coordinated with the college administration and the students along with other secretaries to put forth the needs of the hostel residents for their peaceful and holistic stay.

Media and Public Relations Coordinator| Anwesha, Techno-cultural fest| IIT Patna (02/2016 – 01/2017)

Coordinated with various media houses and other colleges to keep the area in and around Patna informed about the various activities of the fest.