

Bhagesh Kumar

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EDUCATION

- 2016-2020 **NATIONAL INSTITUTE OF TECHNOLOGY** Hamirpur, Himachal Pradesh
Bachelor of Technology; Chemical Engineering
- CGPA: 7.06/10
 - Awards: Second Position – Chemcar event during Nimbus 2018 (Annual Tech fest of NIT Hamirpur)
- 2014 **SARVODYA SARASWATI ACADEMY** Amroha, Uttar Pradesh
Class –XII, Major in Physics, Chemistry, Mathematics; Minors in Hindi & English
- Marks: 462/500 ; Division: First Honor's
 - *Achievement*: Award of scholarship by virtue of performance in top 1% in class-XII; GOI valued at Rs. 80000/- per year for five years.
 - *Prize*: HP Laptop by Uttar Pradesh Government in 2014
- 2012 **R.S.P INTER COLLEGE** Seohara, Uttar Pradesh
- Class-X; Marks: 483/600
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EXPERIENCE

- 2021-2022 **BN INDUSTRIES** Navi Mumbai, India
Research and Development Analyst
- Managed recycling of metal Zn, Al, Fe from foundry slag waste.
 - Worked on Hydrometallurgy treatment of slag.
 - Heat treatment of oxide carbonates, Filtration & precipitation techniques,
 - Quality control and quality assessment of waste and recycled product.
- 2019 **INTERNSHIP** Jodhpur, Rajasthan
ONGC: Management Trainee (18/May – 18/June)
- Gained exposure in drilling fluid management
 - Drilling fluid types and system circulation
 - Studied the solid control equipment to treat drilling fluid and functions of drilling fluid in oil drilling
- PROJECT: Synthesis of catalyst for electrochemical reduction of carbon di-oxide (2019)** NIT Hamirpur
- Synthesized a catalyst that have selectivity towards forming of formate(HCOOH) and CO
 - CuO/SnO₂ nanoparticles are prepared by sol gel method using cupric nitrate and stannous chloride as precursor
 - Several characterization tests such as FTIR, SEM and Zeta sizer
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OTHER

- Languages: Hindi (native), English (intermediate)
- Technical Skills: Microsoft office suits (Word, Excel, PowerPoint)
- Certifications: Inspire Scheme Scholarship , Internship
- Personality Traits: Problem solving, decision making, time management