

A versatile, high-energy professional targeting assignments with an organization of high repute, preferably to work remotely

| Nidhi Gupta |



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S Education

Career Counselling, GCC UCLA extension

Catalysis, Chemical **Doctorate** in Engineering from TERI University, Delhi in 2021

M.Tech. in Chemical Engineering from IIT Delhi with 8.7 CGPA in 2008

Qualified GATE in 2006

B.Tech. in Chemical Engineering from GGSIPU, Delhi with 79.86% in 2006



Strategic Planning & Consulting

Subject Matter Expertise

Career Counselling

Self-exploration

Project Management

Client Engagement

Team Building

Cross-functional Coordination

Certification

- Pursuing certification Career Counselling from GCC & UCLA Extension
- Certification (6weeks) in myEnglish Workplace from British Council India Dec 2021



Title: Comparison of Bent Coil Heat Exchanger with Plate type and Shell & tube Heat Exchanger on a Pilot Plant.

Profile Summary

- HR, recuiter since 2017
- Career counsellor, working as a freelancer since 2020
- Expert consultant with experience in advising on areas such as pollution, contaminated land and environmental policy, also proficient in conducting tests and surveys, collating and presenting environmental data and auditing processes for efficiency and environmental impact
- Skilled in identifying & evaluating problems with expertise in implementing environmental programs and ensuring compliance with government regulations
- Capable of interacting with clients to provide engineering advice and technical **solutions** on different projects, including coordinating with teams, preparing documentation, and developing project plans; knowledge on all areas of Chemical **Engineering** in order to analyse different projects and issues
- Expertise in advising students/ clients about what courses and educational programs would be suitable for particular careers; pursuing certification in Career Counselling from GCC & UCLA Extension
- In-depth understanding of developing career services programs which can help students in exploring and planning career options; also skilled in researching & analysing current employment trends in various industries
- An out-of-the-box thinker with a flair for identifying & adopting emerging trends and addressing industry requirements to achieve organizational objectives and profitability norms



💳 Work Experience

Jul'17-Feb'22: EUREKA Fabricators, Thane Maharashtra as Manager recruitment

Key Working Areas:

- Develop and track goals for the recruiting and hiring process.
- Ability to coordinate with all internal and external partners efficiently
- Prepared all recruitment strategies and ensured achievement of all objectives
- Developed strategies by placing job advertisements in carious news and job sites
- Participated in various candidate selections and prepared an efficient interviewing schedule
- Analysed all job requirements and screened the appropriate candidate for job
- Understanding of maintaining confidentiality of all HR information
- Handle administrative duties and recordkeeping.

Jan'13-Jun'13: United Nations Industrial Development Organization, Delhi as Project Coordinator | On Deputation with MoEF |

Kev Result Areas:

- Provided training for the task team members
- Liaised & coordinated in the activities of the task teams, which developed the ESM svstem
- Interacted with project stakeholders, relevant agencies, national and international experts and provided technical assistance
- Managed & represented quarterly reporting to National Executing Agency and UNIDO about completed and ongoing services & tasks
- Generated draft reports on various output of the work plan as per the activities
- Maintained project planning and reporting systems in accordance with the requirements of the contract, and for project sponsors and stakeholders

Supervisor: Prof. K.D.P Nigam

Performed a pilot plant study for bent coil heat exchanger. Pilot plant study was carried out for shell & tube and plate type heat exchanger for the same process conditions as for bent coil heat exchanger (High temperature & high Pressure system) for water-water system and then a comparison has been done between these heat exchangers.



Organization: Waste Water Analysis, Central Pollution Control Board, Delhi

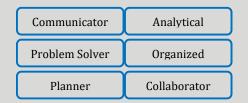
Period: Jun'04-Jul'04 Responsibilities:

Various Techniques for waste water analysis were performed on waste water from various drains, factories and so on to report BOD, COD, Metal content, acidity, pH and other factors

Technical Skills

- Instruments: GC, SEM, HRTEM, XRD, BET, TGA, CHN, XPS, RAMAN
- Programming Languages: C, C++, HTML.
- Softwares: ASPEN+, MATLAB, PROII, IDEAS(CAD), AutoCAD
- MS Office (Word, Excel, PowerPoint & Outlook)

Soft Skills



Personal Details

Date of Birth: 25th May 1984 Languages Known: English, Hindi & French

Address: 1001, Chaurang Heights, Kharghar, Navi Mumbai-410210

Developed full scale project plans and associated communication documents like progress reports, budget reports, requirements documentation and presentations

2008-2009: ACME Group, Gurgaon as Product Expert

Key Result Areas:

- Acted as process facilitator; delivered product knowledge to in-house and external customers
- Created process for in-house knowledge management on existing products as well as for upcoming products
- Worked on & prepared technical knowledge base for all products such as Technical Manuals and Presentations

Research Experience

Title: Development of Catalyst from Solid Waste of Aluminium Industry for the Production of Hydrogen and Carbon Nanotubes

Period: Jan'10-Nov'12

Designation: Project Associate, INDO-UKIERI Project, TERI

Responsibilities:

- Performed experimental work for 8 months in Glasgow, UK and for the remaining duration in Teri, Lodhi Road, India.
- Assisted in & worked on red mud, waste of Aluminium industry to develop a resource efficient process with zero solid waste production
- Obtained products such as hydrogen and carbon nanotubes; modified catalyst for higher production of hydrogen and also for doped carbon nanotubes which can be utilized for production of electrode for fuel cells
- Worked on: Gas Chromatography, SEM, HRTEM, XRD, RAMAN, XPS, BET, TGA, CHN

Publications/ Conferences

- International Journal of Advanced Research 2019 Gupta N., Balakrishnan M., Hargreaves J. S. J., Pulford I. D., Batra V.S. Catalytic cracking of toluene using red mud: Hydrogen evolution and carbon formation, International Journal Of Advanced Research, 7(2), 904-911
- N. Gupta, M. Balakrishnan, V.S. Batra, J.S.J. Hargreaves, B. Kramulova, U. Kurien, I.D. Pulford, J.L. Rico, Application of red mud for catalytic hydrocarbon cracking and characterisation of the nature of the resultant carbon deposits, Europacatx 2011 conference, Glasgow.
- N. Gupta, M. Balakrishnan, V.S. Batra, J. Ďurišová, J.S.J. Hargreaves, I.D. Pulford, J.L. Rico, B. Kramulova, U. Kurien, A. Monaghan, S. Sushil, A Study of Red Mud as a Catalyst for Hydrocarbon Cracking and Application of the Resultant Carbon Deposits for the Remediation of Contaminated Water, The International Committee for Study of Bauxite, Alumina & Aluminium (ICSOBA) 2011, Goa, India.
- N. Gupta, M. Balakrishnan, V.S. Batra, J. Ďurišová, J.S.J. Hargreaves, I.D. Pulford, J.L. Rico, R.K. Singh, Transformations in red mud on hydrocarbon exposure and subsequent application for water remediation, SECTOX Green Chemistry 2010, Greece.
- Journal of Sustainable Metallurgy 2016 Alharthi, A.I., Hargreaves, J.S.J., Pulford, I.D., Gupta, N., Balakrishnan, M., Batra, V.S. and Singh, R.K., 2016. Hydrocarbon cracking over red mud and modified red mud samples. Journal of Sustainable Metallurgy, 2(4), pp.387-393

Academic Achievements

- Conferred with "Certificate of Merit": 2nd Ranker Yearly scholarship holder in B.Tech. from GGSIP University
- Presented a Technical Paper in an Annual Tech Fest of IITD TRYST 2005 On Indian Refineries - Adapting To Higher Octane
- Secured 1st Prize in Language Awareness from Be British Council of Knowledge & Learning