



Dinesh Chandola

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Address:
Department of inorganic and analytical chemistry,
faculty of science and informatics, Szeged, Hungary

Objective

The success of my learning is my pleasure and to get a leading role in research and development is my ambition.

Work experience

University of Szeged, Hungary
PhD

Sep-2022 — Present

- Advanced oxidation processes for water treatment

G B Pant National Institute of Himalayan Environment, Kosi-katarmal, Almora, India
Senior project fellow

March-2019 — April-2022

- waste water treatment
- waste water treatment plant design
- optimization of adsorption based experiment

Doon University, Dehradun
Research Assistant

July-2017 — Feb-2019

- Socio-economic survey
- scientific and technological intervention for rural development

Doon University, Dehradun, India
Intern

Jan-2017 — July-2017

- Synthesis of porous material from natural clay
- pharmaceutical removal

Education

Master of Technology
Doon University, Dehradun, India

2015 — 2017

- Obtained M.Tech degree in Environmental Technology with distinction

Bachelor of Technology

2010 — 2014

Uttarakhand Technical University, Dehradun, India

- Graduated in biochemical engineering with first division

Intermediate

2010 — 2010

Uttarakhand board of school education

High School

2008 — 2008

Uttarakhand board of school education

Award and recognition

- Stipendium Hungaricum scholarship for doctoral studies

Training certificate

- Basics of Remote Sensing and Geographical Information System
- Geospatial Technologies in rural development
- Beginner level training on soil water and plant analysis

Publication

1. Thathola, P., Chandola, D., Agnihotri, V. and Rai, S. 2019. Phytoremediation: A Potential Tool for Waste Water Recycling. *Research Biotica*. 1, 1 (Dec. 2019), 5-8. DOI:<https://doi.org/10.54083/ResBio.1.1.2019.05-08>.
2. Chandola, D., Agnihotri, V. (2022). Recent Perspectives of Immobilized Enzyme Reactors Used for Wastewater Treatment. In: Suyal, D.C., Soni, R. (eds) *Bioremediation of Environmental Pollutants*. Springer, Cham. https://doi.org/10.1007/978-3-030-86169-8_12
3. Chandola, D., & Rana, S. (2022). Biochar for Environmental Remediation. In M. Bartoli, M. Giorcelli, & A. Tagliaferro (Eds.), *Biochar - Productive Technologies, Properties and Application [Working Title]*. IntechOpen. <https://doi.org/10.5772/intechopen.105430>
4. Rani, P., Rai, S., Ghosh, A. K., Pandey, S., Chandola, D., & Shah, N. (2022). Effect of Different Types of Sugarcane Bagasse Biochar on Soil Enzymatic Activities under Spinach Crop Grown in an Experimentally Fluoride Contaminated Soil. *International Journal of Plant & Soil Science*, 34(22), 424-432. <https://doi.org/10.9734/ijpss/2022/v34i2231393>
5. Pandey, S., Thathola, P., Chandola, D., Rai, S., Rai, A. (2022). Bioremediation Approaches for Curbing the Potential of Toxic Element for Sustainable Agriculture. In: Shit, P.K., Adhikary, P.P., Bhunia, G.S., Sengupta, D. (eds) *Soil Health and Environmental Sustainability*. Environmental Science and Engineering. Springer, Cham. https://doi.org/10.1007/978-3-031-09270-1_31

References

Doctoral school of Environmental Science
Department of Science and informatics
University of Szeged, Hungary

Language

- English proficiency (IELTS band-6)
- Hindi (Expert level)

Interests

Music, travelling, cooking, playing

Declaration

- I hereby declare that all the particulars given above are true to the best of my knowledge and belief.