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Dr. Neeraj Chandraker
Assistant Professor

Qualifications

1. Ph.D. pursuing from GGV, Bilaspur in Chemical Engineering.
2. M. Tech. from NIT Raipur in Chemical Process Design, 2011
3. B.E. from GEC Raipur, 1998

Area of Interest/Specialization

Environment, Water Treatment, Adsorption, Design, Reaction Engineering, Heat Transfer,

Experience

1. Assistant Professor in Dept. of Chemical Engg., GGV Bilaspur, Since Nov, 1999.
2. Trainee Chemical Engineer in Ipca laboratories LTD., Ratlam (M.p.) from June 1999 to October 1999.
3. Lecturer (on contract basis) in the Dept. of Chemical Engg., MITS, Gwalior from September, 1998 to January, 1999.

Best Peer Reviewed Publication (up-to 10)

1. Vibha Verma Deshmukh, **Neeraj Chandraker**. Equilibrium and kinetics studies of Glycolic acid by adsorption using Activated Charcoal. Journal of Chemical Engineering and Research, Volume 2, Number1 (2014), pp. 11-19
2. Vibha Verma Deshmukh, **Neeraj Chandraker**, R. S. Thakur, A. K. Chandraker. Biosorption of Formic Acid, International Journal of Advanced research in Chemical Science (IJARCS) Volume 2, Issue 6 (2015).
DOI:<https://doi.org/10.1080/00194506.2020.1795933>
3. Vibha Verma Deshmukh, **Neeraj Chandraker**, R. S. Thakur, A. K. Chandraker., Analysis of moisture content of pulses pellets using fluidized bed dryer, Journal of Chemical and Pharmacal Researc 2015, 7(6): 447-451.
4. **N Chandraker**, R S Thakur, S Meshram, P K Chaudhari, Removal of fluoride using bagasse adsorbent: Process optimization using response surface methodology, IOP Conference Series: Earth and Environmental Science, (2020) 597 (1), 012016. DOI: 10.1088/1755-1315/597/1/012016
5. **N Chandraker**, Ghoshna Jyoti, R S Thakur, P K Chaudhari, Removal of fluoride using fly ash adsorbent, IOP Conference Series: Earth and Environmental Science, (2020) 597, 012009. DOI: 10.1088/1755-1315/597/1/012009
6. **N Chandraker**, R S Thakur, P K Chaudhari, Removal of fluoride using baggase activated carbon, Desalination and water treatment 241 (2021) 112–123, doi: 10.5004/dwt.2021.27822
7. **N Chandraker**, P K Chaudhari, Ghoshna Jyoti, R S Thakur, Removal of fluoride from water by electrocoagulation using Mild Steel electrode, Journal of the Indian Chemical Society 98 (2021) 10026
8. **Neeraj Chandraker**, Parmesh Kumar Chaudhari, Ghoshna Jyoti1, Raghwendra Singh Thakur, Defluoridation of water by electrocoagulation using aluminium electrode, Indian Journal of Chemical Technology 29 (2022) 554 doi; 10.56042/ijct.v29i5.62186

Administrative Responsibilities

1. Worked as HOD, Chemical Engg for approve 2.5year.
2. Many times worked as section incharge, presently working as section incharge of third yr Chemical Engg.
3. Many times worked as Assistant Superintendent, Exam IT.
4. Working as a member of Discipline and Anti-Ragging commottee from 2019 to till date.
5. Worked as a member of School Board for SOS, E&T.
6. Worked as a member of Board of Studies in chemical Engineering.
7. Worked as a member of Scrutiny Committee of various departments.

Additional Information

1. Organizing Committee Member in the International Conference (Online) on “Covid Challenges of Energy and Environment Management for Sustainable Growth of Process Industries (CCEEMSGPI-2021)” organized by Department of Chemical Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, India September 10-11, 2021.