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A review process on phenol removal by adsorption method

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Phenol from wastewater can be removed by different methods including biodegradation, photograph disintegration and adsorption. The main aim of this paper is to keep a check on phenol removal by adsorption with the help of various adsorbents. The present survey aims in the exploration of phenol adsorption, discoveries and viability of the adsorbents in phenol evacuation. Impacts of different parameters such as adsorbent dosage, pH, and adsorbent size on efficiency of adsorption have been examined by different analysts. Additionally ideal estimations of these parameters have been accounted for. The whole research carried that shows there is wide extension for utilization of minimal effort adsorbents. The isotherm study shows the efficiency of low cost adsorbents in the uptake of. Recovery and reuse of the adsorbent are the two most important territory of exploration. The advancement of productive technique for recovery and recuperation will make adsorption, a more prudent and a best alternative for phenol removal.

Biography

Ravi Vital Kandisa completed his B. Tech from JNT University and M. Tech from GITAM University and MBA from Andhra University. He worked in various multinational R & D Industries related Biotechnology and its allied areas. Currently he is working as a research scholar in the department of biotechnology (GIT), GITAM University, India.

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