

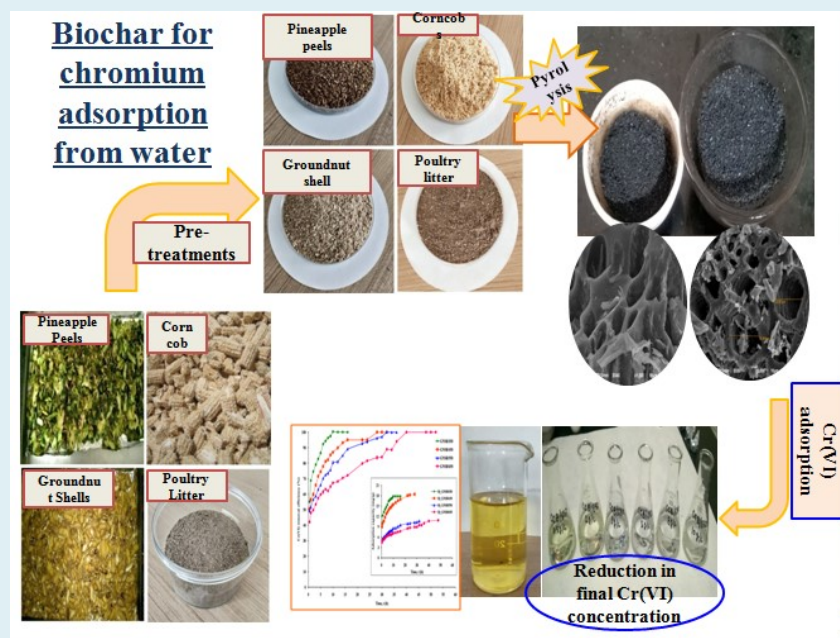
Biochar from Food Industry Waste

Salient features

- Utilized 4 types of industry residues namely ground nut shell, corncob, pineapple peel and poultry litter for making biochar for chromium (heavy metal) removal from polluted water
- Best removal capacity was observed with ground nut shell biochar.
- Properties similar to the commercially available charcoal.

Advantages

- ✓ Biomass residues from food waste may be converted to biochar
- ✓ Resolves waste and climate change issues
- ✓ It can be used as a fuel, adsorbent for pollution remediation at the same time



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