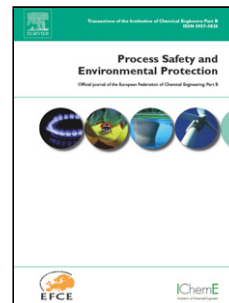


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Performance assessment of a *Canna indica* assisted vermifilter for synthetic dairy wastewater treatment

Kundan Samal^a, Rajesh Roshan Dash^{a, *}, Puspendu Bhunia^a

^a*School of Infrastructure, Indian Institute of Technology Bhubaneswar, Odisha, 752 050, India*

^{a, *} Corresponding Author

Assistant Professor, School of Infrastructure, Indian Institute of Technology Bhubaneswar, Odisha, 752 050, India

Email: rrdash@iitbbs.ac.in, Phone: + 919439864561

HIGHLIGHTS

- Performance of macrophyte assisted vermifilter (MAVF) was found to be superior to vermifilter (VF) with high longevity.
- MAVF was working steadily without the sign of clogging, but VF was clogged within the first few weeks of its operation.
- *Canna indica* was growing vigorously and population of *Eisenia fetida* also increased during the experimental period.
- Due to plant and earthworm activity various physical and biochemical changes in soil bed occurred.

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