

INDEX

Criteria : 03

Key Indicator : ... 3.3

Metric No. : 3.3.3

Metric Name : .Number of books and chapters in edited
.Volumes / books published and papers published in national
/ international conference proceeding per teacher during year.

S.No.	Particulars of Document	Annexure	Page No.
03	BOOKS OF DR. YADEV GAWESTHI	A-03	01-05

A - 03

EFFECT OF CERTAIN HEAVY METALS ON THE TISSUES OF OREOCHROMIS MOSSAMBICUS OF BUDHASAGAR POND OF RAJNANDGAON (CHHATTISGARH)



Dr. Yaser Qureshi





Heavy metal pollution poses a significant threat to fish populations, with potential implications for human health. Elevated levels of heavy metals, such as mercury, lead, cadmium, and arsenic, can accumulate in fish tissues through the food chain. Fish exposed to heavy metals may experience impaired growth, reproductive issues, and compromised immune systems. When humans consume contaminated fish, they face

the risk of heavy metal toxicity, which can lead to neurological disorders, organ damage, developmental abnormalities, and increased cancer risk. . Monitoring and managing heavy metal pollution in aquatic ecosystems is crucial to safeguard both fish populations and human well-being. Adequate wastewater treatment, industrial regulations, and sustainable fishing practices are essential to mitigate the threat of heavy metal pollution and protect both aquatic ecosystems and human health.



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**EFFECT OF CERTAIN
HEAVY METALS ON THE
TISSUES OF
OREOCHROMIS
MOSSAMBICUS OF
BUDHASAGAR POND OF
RAJNANDGAON
(CHHATTISGARH)**

A Heavy Metals Pollution Study



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DR. YASER QURESHI

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Title: EFFECT OF CERTAIN HEAVY METALS ON THE TISSUES OF OREOCHROMIS MOSSAMBICUS OF BUDHASAGAR POND OF RAJNANDGAON (CHHATTISGARH)

Language: English

Character set encoding: UTF-8

First published by



An Imprint of BlueRose Publishers

Head Office: B-6, 2nd Floor,
ABL Workspaces, Block B, Sector 4,
Noida, Uttar Pradesh 201301
M: +91-8882 898 898



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