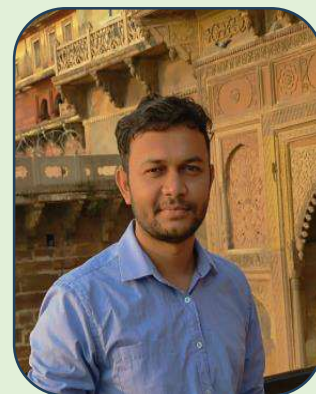


PROFILE

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Academic Details:

YEAR	COURSE	INSTITUTION	BOARD/UNIVERSITY
2014	H.S.C.	Jagannatha Uchha Bidyapitha, Rupra	BSE, Odisha
2016	Higher Secondary	Pragati +2 Science College, Bhawanipatna, Kalahandi	CHSE, Odisha
2019	B.Sc.	Government (Auto) College, Bhawanipatna, Kalahandi	Sambalpur University
2021	M. Sc.	National Institute of Technology, Jamshedpur	National Institute of Technology, Jamshedpur

Employment Details:

Sl. #	College	From	To
1	Polasara Science College, Polasara	26-04-2024	Continuing

National/ International Seminar/Conference/Symposium/Workshop Attended

34th Annual General Meeting of MRSI and 5th Indian Materials Conclave from December 12 - 15, 2023, organized at IIT BHU, Varanasi in collaboration with Materials Research Society of India (MRSI).

Publications

Chaw Pattnayak, B.; Krishna, V. S.; Sahu, B. K.; Mohapatra, S. Reusable Floating Spherical Hydrogel Evaporator for Solar Desalination with Salt Mitigation and Contaminant Elimination. *Langmuir* **2023**, 39 (50), 18663–18671

Sahu, B. K.; Pattnayak, B. C.; Mohapatra, S. Halfa Grass Assembled Double-Layered Hydrogel Evaporator for Sunlight-Driven Steam Generation and Selective Uranium Extraction. *Desalination* **2024**, 581, 117611.

*Achievements:

- Qualified IIT JAM 2019
- Qualified CSIR NET (JRF)- AIR-56
- Qualified GATE 2022- AIR-38