



SAKTHI POLYTECHNIC COLLEGE, Sakthinagar

DEPARTMENT OF MECHANICAL ENGINEERING

DETAILS OF FACULTY PUBLICATION: 2024-25



Paper Publication:

We are pleased to announce the publication of a research paper by **Dr. A. Shyam**, a distinguished faculty member in the Mechanical Engineering Department. His paper, titled **"Path of Carbon Dioxide Capture Technologies: An Overview,"** has been published in the prestigious journal *Next Sustainability*, available on Science Direct.

The paper provides an insightful overview of the current state and future directions of carbon dioxide (CO₂) capture technologies, which are pivotal in addressing climate change and global warming. Dr. Shyam's work delves into various methods of capturing CO₂ emissions from industrial sources, exploring both traditional and innovative technologies that can help reduce the carbon footprint of the energy sector and other industries.

HoD i/c

Principal