

Er. Kunal Gadpayle, Senior Project Associate, working under the guidance of Er. Roshan Wathore, Senior Scientist, Energy Resources Sub-Vertical, CSIR-NEERI, has been awarded the Best Poster Presentation Award at the International Conference on Sustainable Energy and Environmental Challenges (X-SEEC 2025), held at IIT Jodhpur. His work demonstrates how bamboo biomass can be converted into high-value products such as biochar, pyro-oil, and pyro-gas through optimized pyrolysis, offering sustainable solutions for climate mitigation, resource efficiency, and enhancement of rural livelihoods. The authors of this study are Kunal Gadpayle, Shubham Chaudhari, Roshan Wathore, Ankit Gupta and Nitin Labhasetwar.

