

Valorization of waste biomass feedstock for Paper Industry- A Holistic Approach

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In last three decades several efforts have been made to develop successful lignocellulose based technology for production of fuels and chemicals. However the technology still seems to be emerging owing to high technical risks involved and huge capital investments. This paper describes a holistic approach towards the utilization of waste biomass feedstock from paper industry for production of valorized products such as ethanol, furfural and electricity. In this economically viable model an easy technology integration can be done within the industrial premises with their existing asset, bagasse pith with attractive economic returns.