

FIGURE 6: Effect of temperature on cellulase production (U/mL) by *Trichoderma* sp.

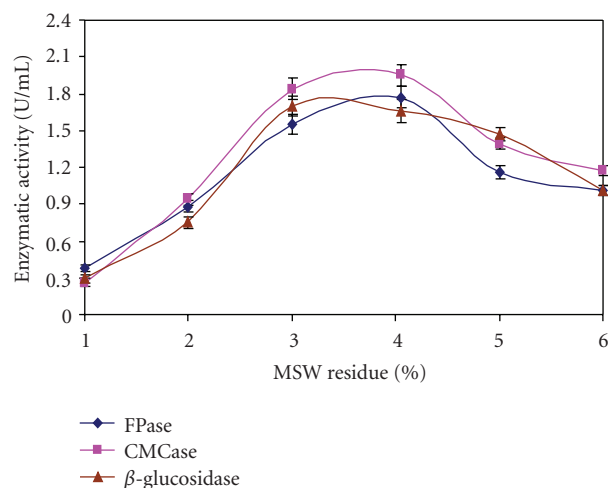


FIGURE 8: Effect of MSW residue on cellulase production (U/mL) by *Trichoderma* sp.

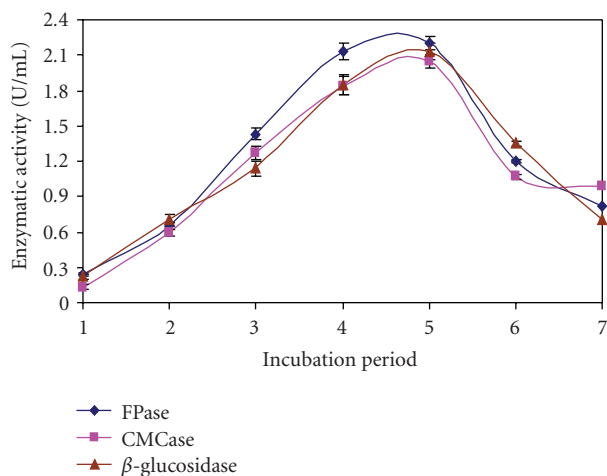


FIGURE 7: Effect of incubation period on cellulase production (U/mL) by *Trichoderma* sp.

as well as a carbon source for production of cellulase enzyme by using fungus strain, *A. niger* and *Trichoderma* sp. Thus, a simplified medium containing municipal solid waste residue supplemented with simple salts proved to be cost effective substrate for cellulase production. Mixed culture combinations have the ability to utilize the substrates as energy sources better than highly versatile pure cultures. Further investigations are required to make use of the full potential of these organisms for cellulase production by employing genetic, biochemical, and microbial engineering techniques.

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