

Department of Biotechnology

Harit Jha, Ph.D

Assistant Professor

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Professional Overview

PhD in Biochemistry from Rashtrasant Tukdoji Maharaj Nagpur University, Microbial degradation of Lignin (2009)

M.Sc. (Biochemistry) Post Graduate Teaching Department of Biochemistry, Nagpur University, Nagpur (1997)

Administrative Responsibilities

Member, Board of Studies in Biotechnology from 2007-2008

Member Board of Studies 2009 - 2012

Member Examination Committee

Member, University Software and Antivirus Technical Committee

Member, Discipline Committee

Recognized Ph.D Supervisor of Biotechnology

Achievements

Qualified SET Lecturership (Maharashtra), February 2002.

Qualified CSIR-UGC NET Lecturership, June 2002.

Project sanctioned

UGC funded project worth Rs 11,26,800/- on “Applicatoin of Accacia and rice husk lignin in the synthesis of biopolymers, biofilms and resins”

Selected Publications

Harit jha* and M Patil (2011) Biopulping of sugarcane bagasse using Manganese peroxidase from *Penicillium oxalicum* isolate-1 *Romanian Biotechnological Letters Vol. 16, No. 6, 2011*

Sapre, M., **Jha, H.**, Dhake, J.D. and Patil, M.B. (2006). Studies on production of thermostable alkaline cellulase-free xylanase by *S.racemosum cohn* with special reference to the effect of zeolites Vol 8 (2), 323 – 327.

MP Sapre, **H. Jha**, M.B.Patil (2005). Purification and Characterization of a thermoalkalophilic xylanase from *Bacillus species*. Vol 21, No.5, 649 – 654

Sapre MP, **Jha H**, Patil MB (2005). Purification and characterization of a thermostable cellulase free xylanase from *Syncephalastrum racemosum cohn*. 51(6), 327 – 34.

Jha H, Syed SN, Parkhi V, Bhandarkar MR and Patil M (2005). Comparative Biochemical and RAPD – PCR fingerprinting analysis of ligninolytic fungi *Penicillium oxalicum* and *Phanerochaete chrysosporium*.. Vol 7, No(3), 569 – 575.

Book Chapter

Jha H. (2009) Tannin: Structure, Synthesis and biodegradation, In: Ehtnoforestry: The Future of Indian Forestry, Ed S.C. Tiwari, Published by Bishen Singh Mahendra Pal Singh, Dehradun, India, 355-369