



DEPARTMENT OF BIO-TECHNOLOGY
PANJAB UNIVERSITY
CHANDIGARH - 160 014

Professor R. Tewari
Ph.D (U K) PDF (USA)

Ref. No. PU/DBT
Dated 200

Recommendation Letter for Ms. Neetu Dahiya

This is to certify that Ms. Neetu Dahiya did her Ph.D. under my supervision in the field of Microbiology from 2002-2006. She worked on an industrially important enzyme: chitinase. She was able to isolate a chitinase producing bacteria from the environment which was later identified as *Enterobacter* sp. NRG4. She optimized the growth medium and incubation conditions for chitinase production. She also purified this enzyme, checked its kinetics and applications: (a) production of pharmaceutical compound N-acetyl glucosamine, (b) bio-cidal activity and (iii) fungal-protoplast production. Her work resulted in three publications and a review article. She was able to construct a genomic library of *Enterobacter* in *E.coli* and fish out chitinase positive transformant.

Neetu is a very sincere, intelligent and soft spoken. She has aptitude for research and is well versed in the fields of microbiology and molecular biology. She gets along well with colleagues and can work independently or in a group as the case may be. Her practical hand is par excellence. She also helped me in conducting microbiology related practicals to under-graduate and post-graduate classes.

I strongly recommend her for Post-Doc. Position in your laboratory.

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