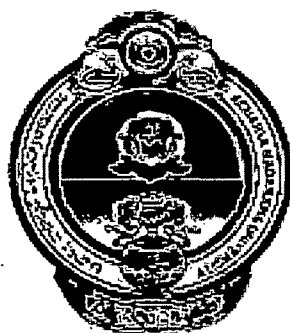


**TOTAL SYNTHESIS OF ACHAETOLIDE, PECTINOLIDE-A, PECTINOLIDE-H AND  
ASYMMETRIC MICHAEL REACTIONS USING CARBOHYDRATE-PYRROLIDINE  
BASED ORGANOCATALYST**

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