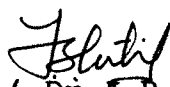


CERTIFICATE

I certify that the dissertation entitled  
" KINETICS AND MECHANISM OF OXIDATION OF ALIPHATIC ACID  
HYDRAZIDES BY PEROXYDISULPHATE ION " submitted by Shri  
Shivajirao S. Dange for the award of Master of Philosophy  
in Organic Chemistry of Shivaji University, Kolhapur;  
under the faculty of Science, is a record bonafide work  
carried out by him under my supervision and guidance.

It is further certified that he has worked under  
my supervision and guidance up to the mark for preparing  
the dissertation at Shivaji University, Kolhapur.

July, 1987.

  
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