CERTIFICATE

I certify that, the dissertation entitled "**FUZZY IDEALS AND FUZZY BI-IDEALS IN SEMIGROUPS**" which being presented by **SUNIL NAMDEO YADAV** for the award of **Degree of Master of Philosophy in Mathematics** to the **Shivaji University, Kolhapur** is completed under my supervision and guidance.

Place: **Kolhapur**

Date: 29·06·2006

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