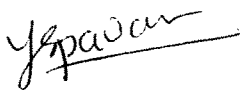
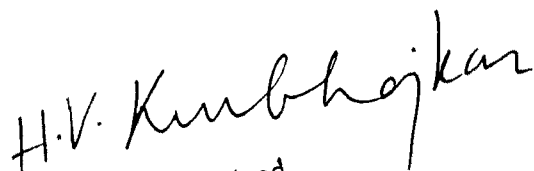


CERTIFICATE

I certify that, the dissertation entitled "IDEALS AND BI-IDEALS IN NEAR-RINGS", which being presented by MISS. VANITA BHIKUSHETH PANDHARPURE, 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.
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