

: CERTIFICATE :

I certify that the Dissertation entitled
"Fuzzy Relations and Fuzzy Graphs" by Mrs. S.V.Gat,
as a partial fulfilment of the requirements for the
Degree of Master of Philosophy in Mathematics, has
been carried out under my supervision and guidance.

H.V. Kumbhojkar

Dr.H.V.KUMBHOJKAR,
Guide,
Department of Mathematics,
Shivaji University,
Kolhapur-416 004.