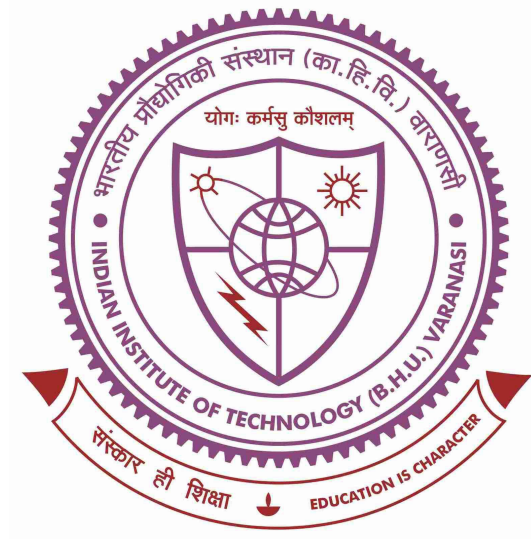


STABLE NUMERICAL SCHEMES FOR FRACTIONAL AND VARIABLE ORDER MATHEMATICAL MODELS



Thesis submitted in partial fulfillment for the
award of degree

DOCTOR OF PHILOSOPHY

By

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