CERTIFICATE

It is certified that the work contained in the thesis titled "Mathematical Algorithms for Power Distribution Systems" by "Abhishek Kumar" has been carried out under our supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D. Degree.

Supervisor
Rakesh Kumar Misra
Professor
Dept. of Electrical Engg.
IIT(BHU), Varanasi

Co-supervisor

Devender Singh

Professor

Dept. of Electrical Engg.

IIT(BHU), Varanasi