

UNIVERSITY OF KENYA
Nairobi
This is to certify that

Mutari Hajara Ali

having completed an approved course of study and passed the
prescribed examinations, has this day, under the authority of the
Senate, been awarded the Degree of *Doctor of Philosophy*

Physics

W. W. W.
REGISTRAR

10th December, 2002

Deen Lwisa
VICE-CHANCELLOR