


Dr. Oommen V. Oommen
Professor

Department of Zoology,
University of Kerala,
Trivandrum - 695 581
India.

This is to certify that this thesis entitled "Effect of tetranortriterpanoides and mammalian hormones on the metabolism and ovarian development of Teleogryllus mitratus", submitted for the award of the Degree of Doctor of Philosophy of the University of Kerala, is a bonafide research carried out by Mr. M.A. Suresh Kumar, in the Department of Zoology, University of Kerala, under my supervision and guidance and that no part of this thesis has been presented before for any other degree.

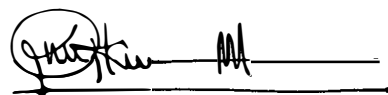
Trivandrum
26.12.1994.


Dr. Oommen V. Oommen
Supervising Teacher.

DECLARATION

This thesis entitled "Effect of tetranortriterpanoids and mammalian hormones on the metabolism and ovarian development of *Teleogryllus mitratus*", is an original research work done by me and this has not been submitted for the award of any other degree, diploma, associateship, fellowship or other similar title or recognition.

Trivandrum,
26. 12. 1994.



M.A. SURESH KUMAR
Research Scholar,
Department of Zoology,
University of Kerala.