To
The Academic Registrar,
Gauhati University,
Guwahati - 781 014.

Dear Sir

I have pleasure in forwarding herewith the thesis entitled "Mass in vitro propagation and effect of mutagens on Spathoglottis plicata Bl." submitted by Shri Pranab Behari Mazumder (Regd. No - Ac/Ph.D/S/FR/568/94, vide EC Resolution No. 95/3/33 dated 18/2/93) for the degree of Doctor of Philosophy in Biotechnology under the faculty of science of the Gauhati University.

I certify that (i) The candidate has fulfilled the residential requirements, (ii) the experimental work was carried out by the candidate under my guidance and supervision, and (iii) the data, to the best of my knowledge and belief, have not been submitted for any other degree or distinction. However, the following papers were published in national and international journals:

1. *In vitro* Multiplication of *S. plicata* (Bl.)
   Gamma ray sensitivity of orchid embryos and protocorms. (Malayan Orchid Review, 1992. 26:36-39)

2. *In vitro* Multiplication of *S. plicata* (Bl.)

3. *In vitro* multiplication of *S. plicata* (Bl.)

4. Mass *in vitro* multiplication of *S. plicata* (Bl.)
   III Standard acclimatization of *in vitro* cultured plants. (Paper represented in National Seminar on Recent Researches in Science and Technology, organised by KCSF, Assam, University. Silchar from November 5-7, 1995).

5. *In vitro* culture of buds of *S. plicata*(Bl) obtained from natural pseudobulb. (Paper represented in National Seminar on Recent Researches in Science and Technology, organised by KCSF, Assam, University. Silchar from November 5-7, 1995).

The papers are in the joint name of the candidate and myself. Full credit for the experimented work, however, goes to the candidate, Shri P. B. Mazumder.

You are requested to kindly arrange for evaluation of the thesis.

Yours faithfully,

[Signature]
G. Bhownik.
Professor in Biotechnology