

C E R T I F I C A T E

This is to certify that the work "Cardioaccelerator mechanisms of angiotensin" has been carried out by Dr. S.D. Nishith under mine and later under his own guidance. According to my opinion the work is of high quality and it deserves to be submitted for a Ph.D. degree.

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### About the work.....

The early part of this work was submitted for a M.Sc.(Physiology) degree from Wisconsin University, afterwards I have been working continuously on this problem till the date of writing of the thesis.

A number of research papers have been published out of this work in Indian and foreign journals. References of this work have also come in review journals and text books of Pharmacology and Physiology.

They are as following:-

#### a - work reviewed in :-

1. The Pharmacological basis of therapeutics by Goodman and Gillman. 3rd edition, Macmillon & Co., New York. pp.654, 1965.
2. Pharmacological reviews, Vol.17, No.2, pp.142-186, June 1965.
3. Amer. J. Physiol. 211, 1447, 1966.
4. P.M.J. Vol. XV, No.I, pp. 51-54, Aug.65.

#### b - Papers published in :-

1. Amer. J. Physiol. 202(2) 237-240, 1962.
2. Ind. J. Med. Res. 53(3) 240-247, 1965.
3. Ind. J. Med. Res. 54(10) 923-931, 1966.
4. Ind. J. Phy.& Pharm. 12(2) 26-27, 1968.
5. Communication XIV An. Conf. Physio. Pharm. India, Baroda, 71-72, 1968.
6. Abstracts, 26th Bom. Med. Cong. 9, 1968.

#### Significance of the work:-

This is original work. This helps to understand the mechanisms of renal hypertension.