

**Research in Vedic Mathematics**

1575. KUMARI UMABHARTI: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state the research made in Vedic Mathematics so far?

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT (SHRI ARJUN SINGH): The following research works have so far been made in Vedic Mathematics:—

- (1) Dr. T. S. Bhanumurthy, Former Director of Ramanujam Institute of Mathematics, Madras has given proofs of Sutras provided in Vedic Mathematics by Shri Bharathi Krishna Tirthaji.
- (2) The National Institute of Science Technology & Developmental Studies (NISAD) has found that in some case operations of multiplication/division on computer by methods of Vedic Mathematics are faster.
- (3) Rashtriya Veda Vidya Pratishthan, which is an autonomous body under the Ministry of Human Resource Development, has commissioned the writing of a book on Vedic Mathematics, which can be utilised by engineers.
- (4) Two monographs have also been commissioned by Rashtriya Veda Vidya Pratishthan on selected sutras which can be utilised by Mathematicians and Scholars.

**Protection of Pichavaram Forest**

1576. DR. P. VALLAL PERUMAN: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether the Union Government propose to launch a scheme to protect and beautify the Pichavaram Forests known for its botanical importance in South Arcot district of Tamil Nadu;

(b) if so, the details thereof;

(c) whether the Union Government propose to sanction funds to the State for the purpose; and

(d) whether the Government also propose to publish a brochure containing details of the rare-trees and plants available in this forest?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI KAMAL NATH): (a) to (c) During 1988-89, the Union Government has sanctioned an amount of Rs. 2.87 lakhs to the State Government for a scheme to undertake environmental protection, education and recreational activities in the mangrove areas of Pichavaram forests.

(d) There is no proposal to publish a brochure containing details of rare trees and plants in this forest. However, these are enlisted in the Red Data Books brought out by the Botanical Survey of India which deal with the rare, threatened and endangered plants in different parts of the country.

**Manuscripts of Rabindra Nath Tagore to Vishwa Bharati University**

1577. SHRI RAJENDRA KUMAR SHARMA: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether the Government have received any memorandum that all manuscripts of the works of poet Rabindra Nath Tagore, which were recently traced in London be handed over to Vishwa Bharati University; and

(b) if so, the steps taken by the Government in this regard?

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT (SHRI ARJUN SINGH): (a) and (b) The Indian High Commission in U.K. has acquired some rare manuscripts of Rabindra Nath Tagore at a cost of £ 27,020.00 at an auction held in London on 26-6-91. Vice-Chancellor, Visva-Bharati has requested that these