

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION
RAJYA SABHA
UNSTARRED QUESTION NO. 176
ANSWERED ON 24.07.2024

COURSES ON VEDIC MATHEMATICS

176. Shri Sandeep Kumar Pathak:

Will the Minister of EDUCATION be pleased to state:

- (a) the list of Colleges/Universities along with name where the courses on Vedic Mathematics and ancient Indian Astronomical Sciences are imparted, State-wise and UT-wise;
- (b) the name of the Universities run by Government where such courses have been introduced in the last five years, the list of sanctioned and actual number of faculties and the actual number of students enrolled in these Universities for these courses; and
- (c) the details of funds released by Union Government in the last five years for research on these subjects research Institute/ College/ University-wise, year-wise, State-wise/UT-wise?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(DR. SUKANTA MAJUMDAR)

(a)to(c): National Education Policy (NEP) 2020 states that the rich heritage of ancient and eternal Indian Knowledge and thought has been guiding light of this policy. It also goes on to state that the Indian education system produced great scholars such as Charaka, Susruta, Aryabhata, Varahamihira, Bhaskaracharya, Brahmagupta, Chanakya, Chakrapani Datta, Madhava, Panini, Patanjali, Nagarjuna, Gautama, Pingala, Sankardev, Maitreyi, Gargi and Thiruvalluvar, among numerous others, who made seminal contributions to world knowledge in diverse fields such as mathematics, astronomy, metallurgy, medical science and surgery, civil engineering, architecture, shipbuilding and navigation, yoga, fine arts, chess, and more. Indian culture and philosophy have had a strong influence on the world. These rich legacies to world heritage must not only be nurtured and preserved for posterity but also researched, enhanced, and put to new uses through our education system.

The University Grants Commission (UGC) has framed Guidelines for 'Introduction of Courses Based on Indian Heritage and Culture' (Universal Human Values, Vedic Mathematics, Yoga, Ayurveda, Sanskrit, Indian Languages, Music and Classical Dance, etc.) and has requested all

Higher Education Institutions to take necessary steps as per guidelines to initiate new courses and streamline existing ones.

The Central Higher Education Institutions (CHEIs) under Ministry of Education including Central Universities (CUs), are statutory autonomous organizations established under respective Central Acts of Parliament and governed by provisions of the Acts/Statutes/Ordinances/Regulations made thereunder. These institutions have academic autonomy to frame new courses and curriculum from time to time and the CHEIs have accordingly curated numerous courses in the said subjects and related multidisciplinary fields.

Ministry of Education has also implemented a Central Sector Scheme named “Indian Knowledge Systems” (IKS). Under the scheme, IKS established 51 centers and initiated 88 research projects. It has provided over 5200 internship and organized more than 80 faculty development programs. At the undergraduate level, IKS has facilitated the development of over 50 specialized courses in IKS and have produced over 1000 scholarly publications.

IKS has established numerous centers and is currently supporting research projects in the areas of mathematics and astronomy, like Centre for Ancient History and Culture in Jain University, Centre for Indian Knowledge Systems in IIT Madras, IKS Centre in Jaina Mathematics in Devi Ahilya University, Indore. Under IKS Shikshak Prashikshan Kendram (Teacher Training), IKS is running courses on mathematical logic and physical science as described by nyaya shashtra in Central Sanskrit University, and Ancient Indian Mathematics and Astronomy in University of Delhi. Under IKS research projects, IKS supported research proposals in Mathematics, Computation and Information Science in National Institute of Advanced Studies, Early Science Technology Engineering Education and Mathematics in University of Petroleum and Energy Studies (UPES), Exposition/Compendium of nuanced mathematical and astronomical constructs in classical commentaries in IIT Kharagpur, Mathematics and Nyaaya Darshana in IIM Indore and Weather Patterns in Kerala through Planetary Positions in Directorate of Collegiate Education Kerala.
