

MADHAVA MATHEMATICS COMPETITION

Organized by :

Department of Mathematics, S. P. College, Pune

and

Homi Bhabha Centre for Science Education, TIFR, Mumbai

With Financial Support From :

National Board for Higher Mathematics

Certificate

$$4 \left(\sum_{k=1}^n \frac{(-1)^{k-1}}{2k-1} + (-1)^n \frac{n^2+1}{4n^3+5n} \right)$$

3.14159265358...

This is to certify that

UTPALRAJ KEMPRAI

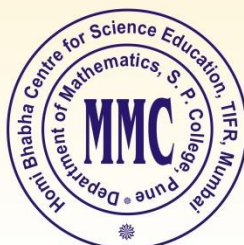
of F.Y.

from Indian Statistical Institute, Bangalore

participated in Madhava Mathematics Competition

held on February 7, 2021.

Centre Coordinator



(Dr. V. M. Sholapurkar)
Coordinator