

# Expert Talk by Prof. Jaydeb Sarkar, ISI Bangalore

02<sup>nd</sup> November, 2018

**About the Speaker:** After completing Ph.D. in Mathematics from IISc Bangalore in 2006, Prof. Jaydeb Sarkar was a Visiting Assistant Professor at Texas A&M University during 2006-09 and at University of Texas at San Antonio during 2010-11. He is working at ISI Bangalore from 2011.

His research interest is multivariable Operator Theory. Prof. Jaydeb received Nasi-Scopus Young Scientist Award-2016.

He has published more than 43 research articles in the journals of international repute and have more than 149 citations on mathscinet. For more details about his research, please visit his homepage: <http://www.isibang.ac.in/~jay/>

**Title of the Talk:** *Fibonacci sequence*

**Time:** 12:00 Noon—01:00 PM

**Venue:** LT-07

**Abstract:** The Fibonacci sequence is the number sequence 0, 1, 1, 2, 3, 5, 8, 13..... Note that  $1 = 1 + 0$ ,  $2 = 1 + 1$ ,  $3 = 2 + 1$ ,  $5 = 3 + 2$ ,  $8 = 5 + 3$  etc. This talk will be an elementary and modest introduction to the theory of Fibonacci sequence. We will also recall some ideas of Euclid (of Alexandria) and the (geometric/archeological) concept of "Golden ratio". The talk will be aimed at a general audience and is accessible for B. Tech. students.