

Faculty Achievements

- Mr. M. Siva Sankar and Mr. Y. Ramesh, Asst. Professor, Dept. of CSE had participated in a Faculty Development Program (FDP) on **Internet of things (IOT)** and Applications at **Srinivasa Ramanujan Institute of Technology, Anantapur during 10th and 11th November, 2016.**
- Mr. B. Sreedhar, Asst. Professor, Dept. of CSE had participated in a Faculty Improvement Program(FIP) on **Business Analytics** at **SRKR Engineering College, Chinnamiram, Bhimavaram, West Godavari district from 21st Nov to 26th Nov 2016.**
- Dr. T. Hitendra Sarma and Mr. P. Veera Prakash, Dept. of CSE had participated in a one day workshop on **Machine Learning on Bigdata with Hadoop** at JNTU Hyderabad organized by IEEE on **28th November 2016.**
- Dr. T. Hitendra Sarma, Head – Dept. of CSE had attended DST Sponsored National Level three day workshop on **Data Science** at **VIT Chennai from 30th Nov to 2nd Dec 2016.**

Student Placements

Following students got qualified in **TCS Code Vita** and placed in **TATA Consultancy Services (TCS).**

S.NO	ROLL NUMBER	NAME OF THE STUDENT
1	134G1A0547	Naga Venkata Hasvitha G
2	134G1A0557	K M Pushpalatha
3	134G1A05A1	N Venkata Pruthvi Raj
4	134G1A05A3	M Venkateswarlu



Congratulations to all the selected students for their great achievement. All the very best for your bright career.
 Dept. of CSE

An Article on "Fibonacci Series"

History:

Fibonacci sequence was first introduced by an outstanding Italian mathematician Fibonacci (Leonardo Pisano.1175-1250) in his book Liber Abaci (1202). For he was born in the commercial center of Pisano, he was also called Leonardo of Pisano [1].When Fibonacci was a little child; he travelled with his father who worked as a businessman. He also travelled to other countries like Egypt, Greek and Syria to study mathematic knowledge from the east when he grew up. Fibonacci sequence begins with $a_0=0$, $a_1=1$, and each subsequent number is the sum of the previous two numbers.

The recursion formula of Fibonacci sequence is

$$a_{n+1} = a_n + a_{n-1}$$

People thought the sequence contains the secret of nature, so they named it with the mathematician's name Fibonacci. In fact, Fibonacci sequence closely connects with nature, science and real life. Therefore it is widely used in many fields and well-worth people exploring.

Let's see how Fibonacci sequence closely connects with nature, science and real life.

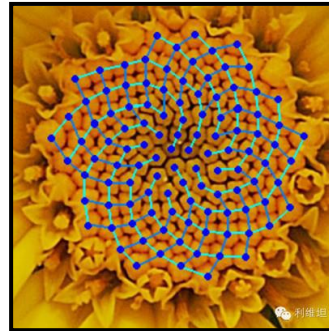
Application in Botany



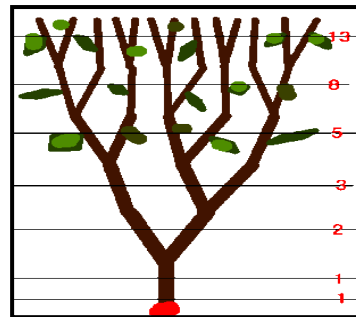
The Fibonacci spiral appeared in some kind of aloe



Flowers whose numbers of petals are Fibonacci numbers.



The hidden Fibonacci spiral in sunflower



The number of branches follows the Fibonacci numbers

.....continued in next month's newsletter

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AROHAN

Monthly News Letter



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