

One week National Level FDP on " Number Theory and Its Applications "

About the Program:

Number theory, the queen of Mathematics is a field of pure mathematics, consisting of the study of the properties of integers, is the basis for all branches of Science, Engineering and Technology.

The FDP focuses on the different concepts in the Number Theory and Cryptography, which have a wide applications in Computer Science and Engineering. Number theorists devoted primarily to the study of the integers or integer valued functions or the properties of mathematical objects made out of integers or generalization of the integers, which is applicable in many fields such as cryptography, error correcting codes, computer arithmetics, random and quasi random number generation. The science of protecting information by transforming it into a secure format is the basis for cryptography and is used in everyday life for secured communications.

The program will enlighten on the fact that many properties of integers in Number theory and its applications in security systems

About the Department:

The Department of Humanities and Sciences was established in 2001. The department plays a vital role in grooming the students with basic knowledge of sciences and language. The Department offers chemistry, English, mathematics and physics devoted for all round development of 1st year students. Mathematics and English subjects are also offered in 2nd and 3rd year as well



Day 1: 14th June 2021

Prof. E. KESHAVA REDDY,

Department of Mathematics, Director of Evaluation,
JNTUA College of Engineering, Ananthapuramu.

Day 2: 15th June 2021

Dr. A. SAILA KUMARI,

Assistant professor of Mathematics,
JNTUA college of Engineering, Ananthapuramu.



Day 3: 16th June 2021

B. MALLIKARJUNA,

Assistant professor in Mathematics,
BMS college of Engineering, Bangalore.

Day 4: 17th June 2021

Dr. S.SRILAKSHMI,

Assistant professor(Adhoc),
JNTUA college of Engineering, Ananthapuramu.



Day 5: 18th June 2021

Dr. MAHESWARA RAO VALLURI,

Associate Professor
School of Mathematical and Computing Sciences
Fiji National University, Fiji.

Day 6: 19th June 2021

Dr. P. NAMRATHA,

Associate Professor, Department of CSE,
Gates institute of technology, Gooty.



About the college :

G.Raghunatha Reddy educational Trust was established in the year 2000 by likeminded professionals and NRI's who wanted to contribute to the growth of the region to which they belong. An institution which bring in technical education to the door steps of this prone rayalaseema region and improves the employability of rural youth, Under the G.Raghunatha Reddy Educational Trust, GATES Institute of Technology was established in year of 2001 in Gooty Ananthapuramu (village), Anantapur District.

Time : 10AM – 12PM

[Meeting link will be sent to the registered](#)

[email ID](#)

[certificate will be provided for all participants](#)

[who can attend :](#)

[Faculty members / Research scholars](#)

[HTTPS://FORMS.GLE/C4HC5DRUMP7ITJ57A](https://forms.gle/C4HC5DRUMP7ITJ57A)

Convenor :

Dr.G HARI PRIYA

Ph.no: 9398101669

Associate professor and HOD

Department of H&S

Gates institute of technology

Gooty

Co-Convenor :

1. K. RAJENDRA PRASAD

2.K. SIVAIAH

3.Dr. P. VIJAYA LAKSHMI

4.T . SUMAN GOPINATH

5. G. SHOBHA RANI