

certificate course on number theory  
For the year 2021-22

10

TOPIC: Number theory in Real life

Duration: 30 Hours.

Students: All mathematics Back ground degree students.

Syllabus

- 1) Cryptography
- 2) Hash functions
- 3) Random number generators
- 4) Shor's Algorithm
- 5) RSA - Crypto Algorithm
- 6) Encryption
- 7) Mock theta functions
- 8) Finite group theory
- 9) Congruence
- 10) Prime power group.

course commencement: 05-04-22

course ends on : 10-04-22.

Faculty: L. Praveen Kumar.

Asst prof of Mathematics

Govt. Degree college, Gopalpet.





# GOVERNMENT DEGREE COLLEGE

GAJWEL, SIDDIPET DISTRICT

AFFILIATED TO OSMANIA UNIVERSITY

RE-ACCREDITED WITH 'B+' GRADE BY NAAC



## Certificate

This is to certify that J. NARESH bearing roll number 601919441001

of B.Sc.(MPCS) group has successfully completed a certificate course on Number theory in Real life

of 30 days/hours duration held from 05-04-22 to 10-04-22

conducted by the department of Mathematics.

Praveen  
Convener

Amey  
Principal  
PRINCIPAL  
Govt. Degree College  
Gajwel, Dist. Siddipet