

## Vision

To Promote critical thinking in students, allowing them to analyse, evaluate, and comprehend the complexities of the world. Provide them with clarity and confidence.



# FYUGP 2024

For queries



[knmmathematicsdept@gmail.com](mailto:knmmathematicsdept@gmail.com)



9487656280

**Govt.K.N.M. Arts  
and Science College  
Kanjiramkulam**

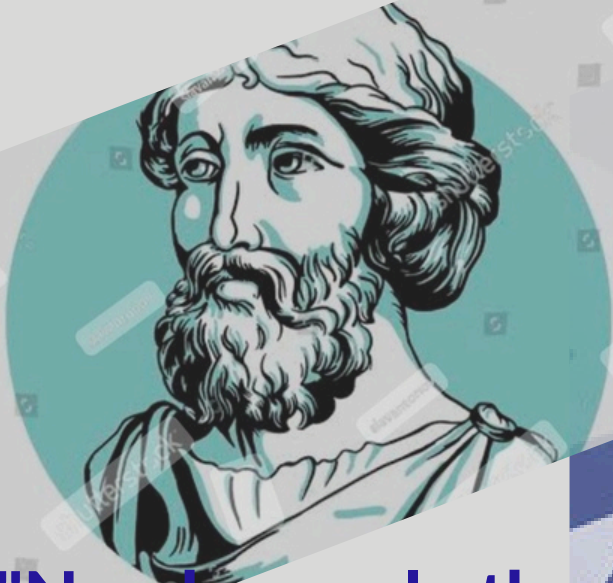
**DEPARTMENT OF  
MATHEMATICS**

*"Mathematics: Poetry  
of logical ideas"*

## Our Highlights

Well-equipped Computer lab  
MDC focusing on competitive  
examinations

Department Activities  
Career counselling  
Internships  
Dedicated Faculties



"Numbers rule the  
Universe"

## Courses offering



### Core and Elective courses

- Foundations of Mathematics
- Differential Calculus
- Theory of equations, Differential Calculus and Geometry
- Integration and Applications of differentiation
- Integral Calculus and Foundations of Vector Calculus
- Group Theory and Probability
- Programming with LATEX and Python
- Introduction to Real Analysis and Multiple Integrals
- Partial Differentiation and Introduction to Abstract Algebra
- Elementary Graph Theory
- Differential Equations and Vector Calculus
- Real Analysis – I
- Abstract Algebra
- Intermediate Graph Theory
- Optimization techniques
- Real Analysis I
- Complex Analysis I
- Linear Algebra
- Fountains of computational mathematics with SageMath
- Fuzzy Mathematics
- Topology
- Complex Analysis II
- Ordinary and Partial Differential

### Multidisciplinary courses

- Numerical Ability – I
- Numerical Ability – II

### Skill Enhancement course

- Typesetting documents with LATEX

**Unlock exciting  
career paths with  
math skills!**

ACTUARY

DATA SCIENTIST

MATHEMATICIAN

STATISTICIAN

FINANCIAL ANALYST

OPERATION

RESEARCH ANALYST

CRYPTOGRAPHER

QUANTITATIVE

ANALYST

TEACHER