

SRI G.V.G. VISALAKSHI COLLEGE FOR WOMEN  
(AUTONOMOUS)  
UDUMALPET

GUEST LECTURE

20.01.2024

Resource Person : Dr. R. Uthayakumar  
Professor & Head  
Department of Mathematics  
The Grandhigram Rural Institute  
Dindugul (Deemed to be University)

Topic : Fractal Analysis  
Time : 11 a.m - 1 P.m.  
Venue : Room NO : 103  
Beneficiaries : III B.Sc. Mathematics  
II B.Sc., I B.Sc., II PG Mathematics

\* Introduction of fractals, cantor set, Sierpinski triangle, the Koch snowflake were delivered.  
\* Construction of cantor set, properties of Sierpinski Gasket, properties of Koch curve was explained in detail.

\* Julia set, Applications of Fractal Theory in Signal Processing, Fractal approach to identify the grade of cervical cancer was delivered

DBS Coordinator : *VR*

Head of the Department : R. Anjali Jay

*N. Lakshmi*

*R. Anjali Jay*  
20/1/24.