



# Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**  
Approved by **AICTE**  
Accredited by **NAAC** with **A+** Grade 6  
Programs Accredited by **NBA**  
(CSE, ISE, ECE, EEE, MECH, CV)

<b>Faculty Name</b>	<b>Mrs Gayathri Annasagaram</b>			
<b>Academic Designation</b>	<b>ASSISTANT PROFESSOR</b>			
<b>Educational Qualification</b>	<b>M.Sc., (Ph.D)</b>			
<b>Experience in Teaching &amp; Industry</b>	<table border="1"><tr><td>11-Years</td><td>4-Months</td></tr></table>		11-Years	4-Months
11-Years	4-Months			
<b>Date of Joining</b>	<b>15-12-2022</b>			
<b>Official Email ID</b>	<b>gayathri-maths@dsatm.edu.in</b>			
<b>Employee ID</b>	<b>180684</b>			

## Educational Details

FORMAL MODE OF EDUCATION				
Degree	Board/Institution	Mode of education	Year Of Passing	Percentage of Marks
Ph.D (Mathematics)	VTU	Part-Time	-	Pre-Submission Colloquim
M.Sc (Mathematics)	Bangalore University	Full-Time	2014	74%
B.Sc (Mathematics)	Bangalore University	Full-Time	2009	70%
B.Ed	Bangalore University	Full-Time	2011	79%

## Professional Experience

Description	Board/Institution	Experience
Assistant Professor	City Engineering College, Bengaluru	2014-22 (8.4 years)
Assistant Professor	Dayananda Sagar Academy of Technology and Mangement	2022-2025 (till date)

## Publications

1. Gayathri Annasagaram, R. Murali, Kulkarni Sunita Jagannatharao, "Rainbow dynamic coloring in few brick product graphs", Communications on applied nonlinear analysis, Vol. 32, No. 9, 2025, pp 2044-2049, ISSN: 1074-133X (Journal).
2. Gayathri Annasagaram, R.Murali, Kulkarni Sunita Jagannatharao, "The study of rainbow dynamic coloring in corona product graphs", Journal of contemporary applied mathematics, Vol. 15, No. 2, 2025, pp 57-63, ISSN: 2222-5498 (Journal).
3. Gayathri Annasagaram, R. Murali, Sunita Jagannatharao, "Rainbow dynamic coloring in some corona product graphs" , IAENG Int. J. of Applied Mathematics, Vol. 55, No.9, September 2025, pp 2712-2717, ISSN: 1992-9986 (Journal).

4. Prashanth K. K.; Gayathri Annasagaram,; M. Parvathi. "Application of the Nirmala Index in Nanotechnology: Optimizing Molecular Structures for Advanced Nanomaterials", Journal of Physics: Conference Series, Volume 2886, Issue 1, id.012003, 9 pp, November 2024.

### Conference Attended

Capacity Building	International	National	Communication & Collaboration
Conference	3	1	1-Presentations 2- Participations
Workshop	-	3	Participation
Webiar	-	3	Participation

### Academic Activity

#### Teaching - Courses Taught:

#### For UG (B.E):

Ordinary and Partial Differential Equations  
Ring theory and Vector Calculus  
Linear Algebra  
Laplace Transforms  
Integral Transforms  
Advanced Numerical Analysis  
Discrete Mathematics  
Game Theory

### Contact Details

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