



## 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>Mr. VIJAYAKUMAR K</b>			
<b>Academic Designation</b>	<b>ASSISTANT PROFESSOR</b>			
<b>Educational Qualification</b>	<b>M.Sc.,M.Phil.,(Ph.D)</b>			
<b>Experience in Teaching &amp; Industry</b>	<table border="1"><tr><td>11-Year</td><td>0-Months</td></tr></table>		11-Year	0-Months
11-Year	0-Months			
<b>Date of Joining</b>	<b>05-12-2022</b>			
<b>Official Email ID</b>	<b>vijayakumar-maths@dsatm.edu.in</b>			
<b>Employee ID</b>	<b>180680</b>			

## Educational Details

<b>Degree</b>	<b>Board/Institution</b>	<b>Mode of education</b>	<b>Year Of Passing</b>
Ph.D (Mathematics)	Presidency University, Bangalore.	Part - Time	2025
M.Phil (Mathematics)	AVS College of Arts and Science, Periyar University, Selam.	Full-Time	2018
M.Sc (Mathematics)	Christ University, Bangalore	Full-Time	2015
B.Sc (PCM)	Christ University, Bangalore	Full-Time	2012
Intermediate (MPC)	Intermediate Board Vikas Junior College AP	Full-Time	2009
SSLC	SSLC Board Govt. High School TN	Full-Time	2007

## Professional Experience

Description	Board/Institution	Experience
Assistant Professor	Dayananda Sagar Academy of Management and technology Opp. Art of living, Udayapura, kanakapura main Road, Bangalore, Karnataka- 560082	2022-Present
HOD & Assistant Professor	Christ College of science and management Malur Karnataka	2017-2022 (5 Year-1 Month)
Lecturer	St.Mary's Composite PU College, Gedalahalli., Bangalore	2016-17 (1 Year)
Teacher	Alpha Higher Secondary Matriculation School , Bagalur, Tamilnadu)	2015-16 (1-Year)
Teacher	New Macaulay English High School, Hosapalya,Bangalore	2012-13(1 year)

## Publications

1. Vijayakumar K, Mohan S, and K.Julietraja, (2025). ``Neighbourhood Sum VDB Indices and Entropy for Specific Types of Molecular Graphs". Communications on Applied Nonlinear Analysis ., \$32(9s), 164-184\$.
2. Vijayakumar K, Mohan S, and K.Julietraja, (2025). ``Entropy and Neighbourhood Sum VDB Indices for a Certain Kinds of Molecular Graphs". Materials International.(Accepted)
3. "A Lightweight Deformable Convolution and Attention-Based Network for Video Compression Artifact Removal" has been Accepted for the International Conference on Grid and Parallel Computing (ICGPC-2025) Organized by at St. Peter's Institute of Higher Education and Research, Chennai, India.The conference proceedings will be submitted to the Springer in their prestigious "Lecture Notes in Electrical Engineering".

4. "Sentiment Analysis using Twitter Data for Crisis Management Through BERTweet model" has been Accepted for the 2nd International Conference on Software, Systems and Information Technology (SSITCON-2025) in association with IEEE Bangalore Section Organized by Sri Siddhartha Institute of Technology Tumkur, Karnataka.

## Conference Attended

Capacity Building	International	National	Communication & Collaboration
Conference	3	2	2-Presentations 2- Participations 1-conducted
FDP	1	7	7-Participation 1- Conducted
Webinar	4	12	12- Participation 4-Conducted

## Awards

## Academic Activity

### Teaching - Courses Taught:

#### For PUC:

Algebra  
Probability & Statistics  
Trigonometry  
Co-ordinate Geometry  
Calculus

#### For UG (B.Sc./B.E/B.C.A/BCOM):

Ordinary and Partial Differential Equations  
Real Analysis  
Abstract Algebra  
Ring theory and Vector Calculus  
Linear Algebra  
Laplace Transforms  
Integral Transforms  
Advanced Numerical Analysis  
Optimization Techniques  
Discrete Mathematics  
Fourier Analysis  
QABD  
MTBD  
Operation research  
Cryptography  
Numerical and statistical methods

#### For PG (M.C.A/M.COM)

Mathematical Foundations for Computer Science  
Operation Research

## Contact Details

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