



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)

Faculty Name	Dr. FATHIMUNNISA	
Academic Designation	ASSISTANT PROFESSOR	
Educational Qualification	M.Sc.,B.Ed.,M.Phil.,Ph.D	
Experience in Teaching & Industry	<div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px;">12-Year</div><div style="border: 1px solid black; padding: 2px;">10-Months</div></div>	
Date of Joining	24-02-2023	
Official Email ID	fathima-maths@dsatm.edu.in	
Employee ID	180700	

Educational Details

FORMAL MODE OF EDUCATION				
Degree	Board/Institution	Mode of education	Year Of Passing	Percentage of Marks
Ph.D (Mathematics)	Amrita Vishwa Vidyapeetham, Bengaluru	Full-Time	2021	Completed
M.Phil (Mathematics)	Christ University, Bangalore	Full-Time	2011	83
M.Sc (Mathematics)	Christ University, Bangalore	Full-Time	2010	73
B.Ed	Bangalore College of Education	Full-Time	2014	70
B.Sc (PCM)	Christ College, Bangalore	Full-Time	2008	70
PUC	PU Board	Full-Time	2006	56
SSLC	Karnataka Secondary Board	Full-Time	2003	62

Professional Experience

Description	Board/Institution	Experience
Assistant Professor	Dayananda Sagar Academy of Technology and Management Bangalore	2023-25 (3 Year)
Assistant Professor	The Oxford College of Science, Bangalore	2022-2023 (10 Months)
Research Scholar	Amrita Vishwa Vidyapeetham, Bengaluru	2016-21 (5 years. 9 Months)
Assistant Professor	The Oxford College of Science, Bangalore	2011-14 (3Year. 7months)

Publications

1. Fathimunnisa., Rakesh, S., & Srivastava, N. (2019). MAGNETOHYDRODYNAMIC FLOW PAST A POROUS PLATE IN PRESENCE OF RAYLEIGH TYPE STREAMING EFFECT. *Journal of Porous Media*. <https://doi.org/10.1615/jpormedia.2019026438>.
2. Fathimunnisa., & Srivastava, N. (2021). MAGNETIC INFLUENCE ON THE ACOUSTIC STREAMING BOUNDARY LAYER AT A SOLID WALL. *Ain Shams Engineering Journal*. <https://doi.org/10.1016/j.asej.2021.01.023>.
3. Fathimunnisa, & Srivastava, N. (2021). RAYLEIGH STREAMING PAST A WAVY WALL WITH NO SLIP SUCTION UNDER A TRANSVERSE MAGNETIC FIELD. In *International Conference on Applied Analysis, Computation and Mathematical Modelling in Engineering* (pp. 43-55). Singapore: Springer Nature Singapore.
4. Fathimunnisa, & Srivastava, N. (2023). RAYLEIGH STREAMING PAST A POROUS PLATE IN PRESENCE OF INCLINED MAGNETIC FIELD. In *3rd national conference on recent advancement in physical sciences (ncraps-2021): ncraps-2021 (vol. 2728, no. 1, p. 030004)*. aip publishing llc.

Patents

1. Alcohol detector embedded in seat belt with engine lock system, Patent No:202441093405, filed on 06-12-2024.
2. Battery thermal monitoring and resource optimization system on android, Patent No: 202441093388 filed on 06-12-2024.

Conference Attended

Capacity Building	International	National	Communication & Collaboration
Conference	2	4	2-Presentations 4- Participations
Workshop		3	Participation
FDP		3	Participation
Webinar		1	Participation

Certificate Courses

1. NPTEL Certification: *Linear Programing and its Applications to Computer Science* – Completed, May 2025.
2. NPTEL Certification: *Fundamentals of Convective Heat Transfer*– Completed, Oct 2024.
3. NPTEL Certification: *Data Science for Engineers*– Completed, Mar 2024

Academic Activity

For UG (B.Sc./B.Tech/B.E):

Ordinary and Partial Differential Equations
Real Analysis
Abstract Algebra
Ring theory and Vector Calculus
Linear Algebra
Laplace Transforms
Integral Transforms
Advanced Numerical Analysis
Statistics
Discrete Mathematics
Graph theory

For PG (MSc. (Mathematics))

Differential Equations
Partial differential Equations
Complex Analysis
Fluid Mechanics
Magnetohydrodynamics

Contact Details

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