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. TOUQEER AHMED	
Academic Designation	ASSISTANT PROFESSOR	
Educational Qualification	M.Sc., Ph.D	
Experience in Teaching & Industry	5-Year 2-Months	
Date of Joining	12-01-2023	
Official Email ID	Touqeer-maths@dsatm.edu.in	
Employee ID	180692	

Educational Details

	FORMAL MODE OF EDUCATION		
Degree	**Board/Institution**	**Mode of Education**	**Year Of Passing**
Ph.D (Mathematics)	Presidency University	Full-Time	2023
M.Sc (Mathematics)	Bangalore University	Regular	2017
B.Sc (PCM)	University of Mysore	Regular	2015

Professional Experience

Description	**Board/Institution**	**Experience**
Assistant Professor	DSATM, Bangalore	2023-Till Date
Guest Faculty	Maharani's Cluster University, Bangalore	2018-2019 (1 Year 6 Months)

Publications

1. Touqeer Ahmed, Shilpa N, and Mamatha R.M., (2025). "*Study Of Uniqueness For Algebroid Functions Of Finite Order With Pseudo Deficiency On Annuli*". Asia Pac. J. Math. (APJM), Vol.12, $1-6$, doi: 10.28924/APJM/12-98 (**Published, Scopus**).

2. Touqeer Ahmed, Shilpa N, and Somalatha M. T., (2021). "*Study Of L-Function Using Weakly Weighted Sharing Defined Over An Extended Selberg Class*". J. Math. Comput. Sci., 11(6), $7228-7237$. (**Published, Scopus**).

3. Touqeer Ahmed, Shilpa N, and Somalatha M. T., (2021). "*On the Study of Uniqueness of Meromorphic Functions that Shares Small Functions Partially with the Difference Operator*".

Advances in Dynamical Systems and Applications (ADSA), 11(6), 273 − 283. (**Published**).

4. Touqeer Ahmed, Shilpa N, and Somalatha M. T., (2022). "*On the Study of Uniqueness of Meromorphic Functions with Small Function and the Difference Operator*", Communications in Mathematics and Applications, Vol. 13, No. 3, pp. 1119–1128, 2022, ISSN 0975-8607 (online); 0976-5905 (print). DOI: 10.26713/cma.v13i3.1913. (**Published, Web of Science**).

5. Shilpa N, Somalatha M. T., and Touqeer Ahmed. (2020). "Uniqueness results of L-Function concerning certain differential polynomials with weight". In AIP Conference Proceedings (Vol. 2277, No. 1, p. 110002). AIP Publishing LLC. (Scopus Indexed) (**Published, Scopus**).

Patent

202441093405 | 49/2024 | Alcohol Detector Embedded In Seat Belt With Engine Lock System | Published: December, 2024.

The invention outlines a safety system for intoxicated driving, integrating an alcohol detection mechanism with a vehicle's seatbelt and engine lock system. The sensor measures the driver's blood alcohol concentration, and if it exceeds legal limits, the system activates the engine lock, preventing the vehicle from starting. It also includes alert mechanisms for accountability.

Conference Attended

Capacity Building	International	National	Communication& Collaboration
Conference	5		2-Presentations 3- Participations
Workshop		3	Participation
Symposium			
Seminar		1	Participation
FDP		7	Participation
Webinar		10	Participation

Awards

Academic Activity

Teaching - Courses Taught:

For Intermediate(PUC):
Algebra
Probability & Statistics
Trigonometry
Co-ordinate Geometry
Calculus

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

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

Contact Details

Email. ID: touqeer.ahmed33@gmail.com