



# AKASH INSTITUTE OF ENGINEERING AND TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi  
Devanahalli, Bengaluru- 562110



## FACULTY PROFILE

<b>Name</b>	Dr. Praveen Kumar M
<b>Employee ID</b>	AIET042
<b>Designation</b>	Assistant Professor
<b>Educational Qualification</b>	M Sc., M Phil., PhD
<b>Area of Specialization</b>	Fluid Dynamics
<b>Department</b>	Mathematics
<b>Date of Joining to AIET</b>	12-08-2024
<b>Total Experience in years</b>	Teaching :19 years Research :8 years
<b>E-mail</b>	<a href="mailto:prawinm@yahoo.co.in">prawinm@yahoo.co.in</a>

### Details of Educational Qualification

Degree	Specialization	Passed out year	University
Ph.D.	Fluid dynamics	2024	Bharathiar University, Coimbatore
M. Phil.	Fluid Dynamics	2009	S V University, Tirupati
M.Sc.	Mathematics	2005	Bangalore University
B.Sc.	PCM	1999	Kuvempu University

### MOOC/NPTEL

Sl No	Name of the Course	Duration of the course	Month and Year of completion	Course offered by
1	Numerical Methods	8 weeks	Nov 2019	IIT Roorkee
2	ARPIT course on Concerns in Educational Research and Assessment	15 weeks	Feb 2020	Central University of South Bihar, Gaya
3	Descriptive statistics with R software	8 weeks	Jul 2020	IIT Kanpur

## Research Details

Research Areas	<b>Fluid dynamics</b>
Google scholar ID	<a href="https://scholar.google.com/citations?user=3t9Gz9sAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=3t9Gz9sAAAAJ&amp;hl=en</a>
ORCID-ID	0000-0002-1937-9722

## Papers Published in Journals

SI No	Title of the paper	Year of Publication	Journal Name	DOI
1	Mathematical Analysis of Transport of Pollutants Through Unsaturated Porous Media with Adsorption and Radioactive Decay	April 2014	International Journal of Combined Research And Development(IJCRD)	
2	An Analytical Solution of Effect of Water Content on Solute Transport in Saturated and Unsaturated Porous Media	May 2015	International Journal of Engineering Research & Technology (IJERT) (ERSRA Publication)	
3	Analytical Solution of The One-Dimensional Solute Advection-Dispersion Equation with Spatially Variable Retardation Factor Using a Change of Variable and Integral Transform Technique	May 2015	International Journal of Engineering Research & Technology (IJERT) (ERSRA Publication)	
4	Mathematical Solution of Transport of Pollutants in Unsaturated Porous Media with Retardation Factor	March 2018	International Journal of Applied Engineering Research(IJAER)	
5	Mathematical Analysis of Transport of Pollutants in Two Dimensional Advection Diffusion Equation with Adsorption and Radioactive Decay	March 2020	Journal Of Advanced Research And Dynamical Control Systems (JARDCS)	10.5373/JARDCS/V12SP2/SP20201003

## Papers Presented in Conferences

SI No	Title of the paper	Name of the Conference	Date of Conference	Place
1	Analytical Solution of Pollutant Transport through Unsaturated Porous Media involving Adsorption and Desorption	International Conference on Science and Technology for Sustainable Future (ICSTSF)-2024	29 <sup>th</sup> –31 <sup>st</sup> May 2024	Acharya Institute of Technology, Bangalore

## Membership of Professional Bodies

Sl No	Professional Body / Society	Year of Joining	Nature of Membership	Membership ID
1	ISTE	2006	Life Member	LM-48813
2	AMTI	2018	Life Member	L-18037

## Awards

Sl No	Name of the Award	Year	Awarding Organization
1	Best Teacher	2011	MVJCE, Bangalore
2	100% result in Applied Mathematics (M.Tech.) and Operations Research(6 <sup>th</sup> Sem CSE)	2013	KSSEM, Bangalore

## Faculty Development Program (FDP)/Student Development Program (SDP)/Conference organized

Sl No	Name of the program	FDP/SDP/ Conference	Period	
			From	To
1	Five days FDP on Transformations, Probability & Statistics for Engineering Applications	FDP	26-02-2024	01-03-2024
2	Five days SDP on Mathematical tools for Engineering and Technology	SDP	18-12-2023	22-12-2023
3	Five days online FDP on Mathematics for Data Science	FDP	09-05-2022	13-05-2022
4	Five days FDP on Application of Mathematics in Engineering and Technology	FDP	03-02-2020	07-02-2020

## Past positions

Sl No	Designation	Organisation	Period	
			From	To
1	Assistant Professor	Acharya Institute of Technology, Bangalore	24/07/2017	09/08/2024
2	Assistant Professor	Presidency University, Bangalore	15/07/2016	07/07/2017
3	Assistant Professor	KSSEM, Bangalore	06/10/2011	15/06/2016
4	Sr. Lecturer	KSSEM, Bangalore	27/07/2011	5/10/2011
5	Lecturer	MVJCE, Bangalore	25/07/2005	23/07/2011