

## Profile

<b>Name of the Faculty</b>	Dr.Sk.Nuslin Bibi	
<b>Designation</b>	Associate Professor	
<b>Department</b>	FE	
<b>Area of Interest</b>	Fluid Dynamics	
<b>Subjects Taught</b>	Basic Engineering Mathematics, Multivariable Calculus, Complex variables, Logical Reasoning.	
<b>JNTUH Registration Id</b>	8206-161208-120958	
<b>College Staff Code</b>	SC1157	
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### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Numerical techniques of heat and mass problems in MHD	Osmania University	2013
M.Sc	Applied Math	Osmania University	Osmania University	2003
B.Sc	Computer Science	Osmania University	Osmania University	2001
Inter	M.P.C	Board of intermediate	Board of intermediate	1998

SSC	-	Board of Secondary Education	Board of Secondary Education	1996
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### **Publications Details :**

Sl.No.	Title of the Paper	Brief Journal name	SCOPUS/WOS/Pub Med/SCI
1.	Radiation influence on transient mhd convection Over a permeable surface with thermal diffusion	Springer-Theoretical and Mathematical Physics, 223(3): 915–925 (2025)	SCI
2.	Hall current and mhd impacts on a 3d maxwell Nanofluid flow across a porous stretching surface	Springer-Theoretical and Mathematical Physics,223(3): 899–914 (2025)	SCI
3.	Effect of Thermophoresis and Heat Source on Unsteady Hydromagnetic Free Convective Fluid Flow Embedded in a Porous Material	Journal of Advanced research in fluid mechanics and thermal sciences Vol. 122 No. 1: October (2024)	Scopus
4.	Soret effect on an unsteady MHD free convective flow past an infinite vertical plate with constant suction.	ELSEVIER, Materials Today: Proceedings May 2023	Scopus
5.	Hall Effects on Steady Rotating MHD Flow of Heat Generating Fluid Through Porous Medium with Variable Pressure Gradient	ELSEVIER, Materials Today: Proceedings June 2023	Scopus
6.	Ultrasonic velocity studies in Pure and Adulterated edible Oils	International conference on Advanced Technologies in Chemical, September 2023	Scopus
7.	Chemical reaction and soret, Dufour effect on radiation-convection flow with porous medium	AIP Conference Proceedings July 2020	Scopus

8.	Heat and mass transfer on unsteady magneto hydrodynamic flow through porous medium in a rotating channel Cite	AIP Conference Proceedings July 2020	Scopus
9.	Soret and radiation effect on unsteady MHD free convective fluid flow embedded in porous media with heat source	Journal of energy heat and mass transfer March 2013	Scopus
10.	Unsteady mhd free convective fluid flow embedded in a porous medium with heat source in the presence of soret and radiation effects	International Journal of Development Research Volume: 12 Article ID: 25114,9 pages 30th August, 2022	UGC Care
11.	Radiation effect on an unsteady MHD free convective flow past a vertical porous plate in the presence of soret	Advance in Applied science research 2012	UGC Care
12.	Radiation effects on an unsteady MHD vertical porous plate in the presence of homogeneous chemical reaction	Asian Research publishing network July 2012	Scopus

**The details of my Presentations are listed in the below table:**

Sl.No.	Title of the Paper	Conference Details
1	Unsteady MHD Flow of Power law Fluid over a Permeable Surface	2023 Fifth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2023 held at Velalar College of Engineering and Technology, Erode, Tamil Nadu, India.
2	Soret effect on an unsteady MHD free convective flow past an infinite vertical plate with constant suction.	International Conference on Materials and Manufacturing 2023, Hyderabad, India
3	Hall Effects on Steady Rotating MHD Flow of Heat Generating Fluid Through Porous Medium with Variable Pressure Gradient	International Conference on Materials and Manufacturing 2023, Hyderabad, India
4.	Ultrasonic velocity studies in Pure and Adulterated edible Oils	(ICATCHCOME 2022) International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences held at KPR Institute of Engineering & Technology, Coimbatore, Tamil Nadu, India.
5.	Chemical reaction and soret, Dufour effect on radiation-convection flow with porous medium	International Conference on Materials and Manufacturing (ICMM) 2022. Held at Geethanjali College of Engineering and Technology, Hyderabad

6.	Heat and mass transfer on unsteady magneto hydrodynamic flow through porous medium in a rotating channel Cite	International Conference on Materials and Manufacturing (ICMM) 2022
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**Experience:**

<b>Teaching</b>	20
<b>Industry</b>	-
<b>Research</b>	12
<b>Total Experience</b>	20