

## PROFILE

**Dr. Syed Amanullah Hussaini,**

**Associate Professor of Mathematics (Basic Sciences & Humanities),**

**Muffakham Jah College of Engineering & Technology, Hyderabad.**

E-mail: [amanullah@mjcollege.ac.in](mailto:amanullah@mjcollege.ac.in)

Mobile: (+91) 9290127174

PROFILE: *Dedicated for teaching.*

Course	Subject	Area of Specialization	Name of the Institute/ University	Year of completion
SSC	-	-	Angel's Convent High School, Santoshnagar, Hyd.	1995
Intermediate	M.P.C	-	Vidya Dayani Junior College for Boys, Santoshnagar, Hyd.	1997
B.Sc	M.P.E	-	Mumtaz College, Malakpet, Hyd. OU	2000
M.Sc	Mathematics	Applied Mathematics	Nawab Shah Alam Khan College of Post Graduate Studies and Research Centre, Mallepally, Hyd. OU	2002
M.Phil	Mathematics	Mathematics	Allagappa University	2007
Ph.D	Mathematics	Fluid Mechanics	Osmania University	April, 2017

### Accreditation responsibilities:

NAAC-CRITERION-1 Member

NBA-CRITERION-8 Member

### Teaching Experience: 23 Years

1.	Worked as an Assistant Professor at <b>Shaaz College of Engineering &amp; Technology</b> , affiliated to Jawaharlal Nehru Technological University (JNTU) Himayat Nagar (V), Moinabad (M), Ranga Reddy District, Telangana, India.	Sep, 2002 to Jan, 2007
2.	Working as an Associate Professor at <b>Muffakham Jah College of Engineering &amp; Technology</b> , affiliated to Osmania University Banjara Hills, Hyderabad, Telangana, India.	Jan, 2007 to Present

### Research Paper Publications:12

1.	“Numerical solution of oscillatory motion of a dusty viscous fluid” A T T I DELLA «FONDAZIONE GIORGIO RONCHI» ANNO LXVI, pp. 751-760, November - December 2011 N. 6
2.	“MHD Unsteady Memory Convective Flow through Porous Medium with Variable

	Suction” Journal of Applied Fluid Mechanics, Vol. 6, No. 2, pp. 197-202, March-April 2013.
3.	“MHD Free Convection Effects of Radiating Memory Flow” CVR Journal of Science and Technology, Volume 4, pp. 68-73, June 2013.
4	“MHD Unsteady Radiating Memory Convective Flow with Variable Suction”, International Journal of Science, Engineering and Technology Research (IJSETR), Volume3, Issue10, pp. 2998-3006, November 2014.
5.	“Magnetohydrodynamics Rivlin- Ericksen Flow through Porous Medium in Slip Flow Regime” International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 7, pp. 2568-2572, July 2015.
6.	“MHD Fluctuating Free Convective Dusty Flow of Variable Permeability” A T T I DELLA «FONDAZIONE GIORGIO RONCHI» ANNO LXXI, pp. 447-460 July, 2016 N. 4.
7.	“Unsteady Hydromagnetic Convective Memory Flow past a Vertical Porous Plate in a Porous Medium with Heat Source” A T T I DELLA «FONDAZIONE GIORGIO RONCHI» ANNO LXXII, pp. 391-405 July, 2017 N. 4.
8.	“Radiation and Mass Transfer Effects on MHD Oscillatory Memory Flow in a Channel Filled with Porous Medium in the Presence of Chemical Reaction” International Journal of Mathematics Trends and Technology (IJMTT) – Volume51 Number 3 November 2017.
9.	“Viscous dissipation effects on time dependent natural convective memory flow” International journal of basic and applied research, Volume 8 Number 6 June 2018.
10	“Dusty Casson’s Oscillatory Flow Between Parallel Plates” International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE) Vol 5, Issue 7, July 2020.
11.	"Effects of Radiation and Mass Transfer on MHD Oscillatory Rivlin-Ericksen Flow in a Porous Medium Channel," Engineering Letters, vol. 30, no. 4, pp1475-1482, 2022.
12	"An Inclined MHD and Diffusive Thermo Effects on Radiative Viscoelastic Periodic Flow through Porous Medium Channel," IAENG International Journal of Applied Mathematics, vol. 54, no. 8, pp1490-1498, 2024.
<b><i>Paper Presentations: ONE</i></b>	
1.	“MHD Free Convection Effects of Radiating Memory Flow” The First International Conference in Emerging Trends in Science, Technology and Management- Singapore, April 21 <sup>st</sup> and 22 <sup>nd</sup> 2013.
<b><i>Conferences/Workshops/FDP/Refresher Courses/Orientations/Webminars</i></b>	
1.	Participated in One Day Workshop on “Wavelet Transforms and its Applications in Engineering” held on 23 <sup>rd</sup> February 2006 at Lords Institute of Engineering and Technology, RR Dist.
2.	Participated in National Conference on “Mathematical Modelling in Engineering & Technology” held on February 13 <sup>th</sup> & 14 <sup>th</sup> 2010 at Stanley College of Engineering & Technology for Women’s, Hyderabad.
3.	Participated in Refresher Course in Mathematics from 2 <sup>nd</sup> to 22 <sup>nd</sup> September 2010 and obtained Grade ‘A’ from UGC Academic Staff College, University of Hyderabad, Hyderabad.
4.	Participated in the Orientation Course from 14 <sup>th</sup> April to 11 <sup>th</sup> May 2011 at UGC Academic Staff College, Maulana Azad National Urdu University, Hyderabad and obtained Grade ‘A’
5.	Participated in Two Days Workshop on “Mathematical Technology” held on 27 <sup>th</sup> and 28 <sup>th</sup> of June 2014 conducted by Department of Mathematics at Muffakham Jah College

	of Engineering and Technology, Hyderabad.
6.	Participated in “Two Weeks Certificate Course cum Instructional Symposium on Implementation of Finite Element Methods and Relevance of Mathematics to Real World” held on 1 <sup>st</sup> to 14 <sup>th</sup> August 2014 conducted by Department of Mathematics, Osmania University, Hyderabad.
7.	Participated in a Two-week ISTE STTP on “Introduction to Design of Algorithms” from 27 <sup>th</sup> April to 30 <sup>th</sup> May 2015 conducted by Indian Institute of Technology, Kharagpur.
8.	Participated in Three Days Workshop on “Advances in Research and Innovations in Mechanical Engineering” from 30 <sup>th</sup> January to 1 <sup>st</sup> February 2017 conducted by Mechanical Engineering Department at Muffakham Jah College of Engineering and Technology, Hyderabad.
9.	Participated in “Two Days Conference on Contemporary Approaches in Scientific Computing” held on 29 <sup>th</sup> and 30 <sup>th</sup> August 2017 conducted by department of Mathematics, Osmania University, Hyderabad.
10.	Completed an AICTE approved Faculty Development Programme (FDP101X) on Foundation Program in ICT for Education conducted by IIT Bombay, from August 3, 2017 to September 7, 2017.
11.	Participated in a Two days Workshop on “Engineering Mathematics and its Applications” held on 8 <sup>th</sup> and 9 <sup>th</sup> December 2017 organized by the department of Humanities and Sciences, CVR college of Engineering.
12.	Participated in MEIT, Govt. of India, sponsored One week National Level Faculty Development Program (FDP) on “Machine Learning Through Mathematical Modeling Supported with Python & R-Soft, organized by the departments of M&H, CSE & IT of MGIT in collaboration with E & ICT Academy, National Institute of Technology, Warangal from 02 – 07 July, 2018.
13.	Attended One week FDP in “Mathematics in Real, Applied computing Learning Environment” MIRACLE, organized by Faculty of Mathematics, Department of S&H, MVSR Engineering College, Hyderabad, from 01-06-07-2019.
14.	Attended National webinar on “Application of Mathematics” on 27-05-2020, organized by Department of Mathematics, St Pious X Degree and PG College for Women, Hyderabad, Telangana.
15.	Participated in the “National Level Five Day FDP on LATEX” in association with Spoke Tutorial IIT- Bombay organized by Department of Humanities and Sciences, CMR Engineering College, Hyderabad, Telangana, from 1 <sup>st</sup> to 5 <sup>th</sup> June 2020.
16.	Completed National level E-Quiz on “Mathematics and its Applications” conducted by Department of Mathematics, Lord’s Institute of Engineering and Technology, Hyderabad, Telangana, on 13-06-2020.
17.	Attended one day Webinar on “How to Create Course and Course Activities in Open Source Online Learning, organized by Department of Mathematics, Hindu College, Guntur, on 14-06-2020.
18.	Completed National level Online Quiz on “Mathematics and Aptitude” conducted by Department of Mathematics, Andhra Loyola Institute of Engineering and Technology, Vijaywada, A.P, during 19 <sup>th</sup> to 22 <sup>nd</sup> June 2020.
19.	Completed online quiz on “Engineering Mathematics” organized by Humanities and Science, Sumathi Reddy Institute of Technology for Womens, Warangal, Telangana, on 23-06-2020.
20.	Participated in One Day National Webinar on “Linear Algebra and its Applications” on 25 <sup>th</sup> June 2020, organized by Osmania College, Kurnool, A.P.

21.	Participated in State level webinar on “Neighbourly Regular Strength of Graph” organized by Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu, on 26-06-2020.
22.	Participated in State level webinar on “SOFT SETS AND ITS APPLICATIONS” organized by Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu on 29-06-2020.
23.	Participated in One Week FDP on “Role of Machine Learning and Data Sciences in AI” 28-06-2020 to 02-07-2020 organized by CSE and M&H, MGIT, Hyderabad, Telangana.
24.	Participated in Two Days Online FDP on “Application of Mathematics in Engineering” organized by Department of Mathematics and Statistics, MGIT, Hyderabad, Telangana, 03 <sup>rd</sup> and 04 <sup>th</sup> July 2020.
25.	Participated in one day Webinar on “Blended Learning and Mathematical Relevance in Real World Applications” on July 05 <sup>th</sup> 2020, Organized by department of Mathematics in Collaboration with Internal Quality Assurance Cell, Anwarul Uloom College, Hyderabad, Telangana.
26.	Participated in One Week International Online FDP on “Applications of Mathematics in Science and Engineering” from 7 <sup>th</sup> to 11 <sup>th</sup> July 2020, organized by Department of Basic Science (Mathematics), Vishnu Institute of Technology, Bhimavaram, W.G, A.P.
27.	Participated in the six days FDP on “Applications of Mathematics in Engineering” conducted by Department of Mathematics, KPRIET, Coimbatore, Tamil Nadu, held from 20-07-2020 to 25-07-2020.
28.	Participated in the five days FDP on “Applications of Mathematics in Engineering” conducted by Department of Mathematics, KPRIET, Coimbatore, Tamil Nadu, held from 27-07-2020 to 31-07-2020.
29.	Participated in FDP on “Applied Numerical Methods” organized by Department of Mathematics and Statistics, from 28-09-2020 to 03-10-2020, University College for Women, Hyderabad, Telangana.
30.	Participated in One week FDP on “Pedagogical Approaches in Teaching Engineering Mathematics (PATEM)” organized by the Department of S&H, Matrusri Engineering College, Hyderabad, in association with Department of Mathematics, UCS, Osmania University from 22 <sup>nd</sup> to 27 <sup>th</sup> August 2022.
31.	Participated in “Online NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by MMTTC, Osmania University, Hyderabad, Telangana from 19.03.2024 to 28.03.2024.
32.	Participated in THREE day workshop on “Scientific Computing using Mathematica” organized by Mathematics club, Department of Freshman Engineering, during 23.05.2024 to 25.05.2024 from Geethanjali College of Engineering and Technology, Hyderabad.
33.	Participated in the AICTE Recognized Faculty Development Programme on “Data Science using Python” conducted by National Institute of Technical Teachers Training & Research, NITTTR, Chandigarh organised by Computer Science and Engineering Department from 25/11/2024 to 29/11/2024 (One Week) at Muffakham Jah College Of Engineering and Technology, Hyderabad, Telangana.
34.	Participated in one week international faculty development program on “Generative AI: Innovation and application for social impact” organised by Computer Science and Engineering Department from 06/01/2025 to 10/01/2025) at MJCET, Hyderabad, Telangana.

	<b><i>NPTEL Courses completed</i></b>
1.	Completed faculty development program of <b>NPTEL-AICTE</b> on “ <i>Transform Calculus and its Application in Differential Equations</i> ” in Jan-Apr-2019(12 weeks).
	<b><i>Contribution to Corporate Life and Management of the Institution</i></b>
1.	Member of Anti-ragging committee
2.	Member of Organizing a National Science Day every year.
	<b><i>Membership in Professional bodies</i></b>
1.	Life Member of ISTE
	<b><i>Personal information:</i></b>
Father's Name	Syed Waheedullah Hussaini
Date of birth & Age	20-07-1980, 44 Years
Address	Emaara Sky View, Shaikpet, Hyderabad-500008.
	<b><i>References:</i></b>
1.	Dr. Rafiuddin Associate Professor, Department of Basic Science and Humanities, CVR college of Engineering, Ibrahimpatnam, Telangana, Mobile: 9121363173, email: <a href="mailto:rafiuddin2008@gmail.com">rafiuddin2008@gmail.com</a> .
2.	Dr. M.A. Rawoof Sayeed, Associate Professor, Department of Mathematics, Muffakham Jah College of Engineering & Technology, Mobile:9848425282, email: <a href="mailto:rsayeed@mjcollege.ac.in">rsayeed@mjcollege.ac.in</a>

(Associate Prof. SYED AMANULLAH HUSSAINI)