

# KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY

## Narayanaguda, Hyderabad-500029

### FACULTY PROFILE



1. NAME : Dr. Mohd Riyazuddin
2. JNTUH REGISTRATIONID : 89150407-083953
3. DATE OF BIRTH : 17-05-1981
4. DESIGNATION : Assistant Professor
5. YEARS OF EXPERIENCE : 15
6. UG DEGREE : B.Sc., B.Ed.
7. PG DEGREE : M.Sc., M.Phil.
8. Ph.D(AREA OF THE PH.D WORK) : Mathematical Modelling of Physiological Flows
9. SUBJECTS TAUGHT :
  - Mathematical Methods
  - Mathematics- I
  - Mathematics- II
  - Mathematics- III
  - Mathematics- IV
  - Numerical Methods
  - Probability & Statistics
  - Mathematical Foundations of Computer Science
  - Discrete Mathematics
  - Computer Oriented Statistical Methods

#### 10. PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:

- i. Published a paper titled "The influence of Wall thickness and additional mass flux on peristaltic pumping of a Jeffrey fluid." at *International Journal of Engineering Research & Technology (IJERT)*, Volume.3, Issue.06, June-2014.
- ii. Published a paper titled "Effect of the Velocity Second Slip Boundary Condition on the Peristaltic pumping of Couple-Stress Fluid Flow with Thermal Properties in an Asymmetric Channel." at *International Journal, Acta Ciencia Indica*, Vol. XLI M, No. 2, 131 (2015), ISSN: 0970-0455.

**iii.** Published a paper titled “Effects of Slip and Heat transfer on the Peristaltic Flow of Reactive Viscous Fluid with Temperature dependent viscosity.”at *International Journal, Acta Ciencia Indica*, Vol. XLII M, No.1, 173 (2016), ISSN: 0970-0455.

**iv.** Published a paper titled “Peristaltic Pumping of Fourth Grade fluid through porous medium in an inclined channel with variable viscosity under the influence of slip effects” at *International Journal of Advanced Trends in Computer Applications, Special Issue 1 (1), July - 2019*, pp. 211-217, ISSN: 2395-3519.

#### 11. PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	Effect of slip on the pumping of a non-Newtonian fluid in an inclined asymmetric channel with variable viscosity	<i>Second International Conference on Recent Trends in Science, Technology, Management and Social Development (RTSTMSD-15)</i> during 22 – 23 December, 2015.	
2	Numerical Solution Of Unsteady MHD couple Stress Fluid Flow Through Two Parallel Porous Flat Plates With Oscillatory Suction	The First International Conference on “Emerging Trends in Science, Technology and Management – 2013, Singapore”, during 21 to 22 April 2013.	
3	Peristaltic Pumping of a Conducting Bingham Fluid in an Inclined Channel with Permeable Walls	International Conference on Advancement in Engineering and Management at Royal Institute of Technology and Science, Hyderabad, during 28 to 29 February 2012.	

**12. PAPER PUBLICATIONS IN NATIONAL CONFERENCES:**

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	Peristaltic pumping of Fourth grade fluid in an inclined channel under the influence of slip effects"	Three day National Conference on Computational Modelling of Fluid Dynamics Problems(CMFDP-2019) organized by Department of Mathematics, National Institute of Technology(NIT), Warangal, T.S. during 18 – 20 January, 2019.	
2	Effect of the Velocity Second Slip Boundary Condition on the Peristaltic Transport of Couple-Stress Fluid Flow with Thermal Properties in an Asymmetric Channel.	Two day National Conference on Recent Trends in Science and Technology (NCRTST 2015), JNTUH College of Engineering, Nachupally (Kondagattu), Karimnagar, T.S. during 25 – 26 February, 2015. Pp. 337-343.	
3	Effect of the Velocity Second Slip Boundary Condition on the Peristaltic Transport of Couple-Stress Fluid Flow with Thermal Properties in an Asymmetric Channel	XXIII Congress of APSMS and National Conference on Mathematics, Vignana University, during 12 – 14 December, 2014.	
4	Flow of a Jeffrey Fluid through an Annulus with Permeable Walls.	National Seminar on Recent Developments in Mathematics at Sri Venkateswara University, Tirupati, during 22 to 23 Decembe 2011.	

**13. CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL:** Contributed as Subject coordinator & Mentor.

**14. CONTRIBUTIONS AT THE COLLEGE LEVEL:** NSS coordinator

**15. REFRESHER COURSES/ WORKSHOPS/ CONFERENCES ATTENDED:**

	<b><u>Attended:</u></b>			
	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	one-week National Level, on Faculty Development Program Machine Learning Through Mathematical Modeling Supported with Python & R-Soft	Hyderabad	02-07-2018 to 07-07-2018	MGIT, Govt. of India sponsored
2	6 days National workshop on "Application of Mathematics in Engineering	Hyderabad	18-06-2018 to 23-06-2018.	Nalla Malla Reddy Engineering college
3	30 days workshop on "GIAN Course on Nonlinear Dynamics of classical Magnetic Systems"	Hyderabad	23-11-2017 to 22-12-2017.	Osmania University
4	20 days workshop on "Python Programming"	Hyderabad	1 <sup>st</sup> to 20 <sup>th</sup> February-2017.	Osmania University
5	Two Weeks Certificate Course cum Instructional Symposium on "Implementation of Finite Element Methods and Relevance of Mathematics to Real World",	Hyderabad	1 to 14 August 2014.	Osmania University
6	Two days International Conference on "Recent Advances in Fluid Mechanics	Hyderabad	23 to 24 December 2010.	Osmania University
7	2 <sup>nd</sup> International Conference on "International Conference on Advancement in Engineering and Management"	Ranga Reddy	27 to 28 February 2013.	Royal Institute of Technology and Science
8	Five days National Workshop on "Mathematical Modelling, Computational Aspects for Continuum Mechanics	Hyderabad	20 to 24 December 2010.	Osmania University
9	National Workshop on "Current Trends on Cloud Security	Hyderabad	30 to 31 March 2013	Osmania University

10	National Seminar on "Advances in Fluid Dynamics"	Tirupati	30 <sup>th</sup> May 2013	Sri Venkateswara University
11	Workshop on "Workshop On .Net Technologies"	Hyderabad	30 to 31 July 2011.	Osmania University
12	Two-day Workshop on "Application of Mathematics and Statistics for Engineering"	Hyderabad	23 to 24 July 2010	JNTUH
13	Faculty Development programme conducted "Innovative Teaching Methodology"	Hyderabad	4 <sup>th</sup> December 2013.	Stanley College of Engineering & Technology For Women on
14	Faculty Development programme on "Effective Classroom Management Skills For Engineering College Faculty"	Hyderabad	27 – 28 February, 2017.	Aurora's Scientific, Technological and Research Academy
15	One Day Workshop on "Learner centered approach to teaching"	Hyderabad	9 <sup>th</sup> March 2017	Birla Institute of Technology and Science (BITS) Pilani, Work Integrated Learning Programmes
16	"MATLAB based Teaching-Learning in Mathematics, Science & Engineering".	Online	5 days	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai
17	FDP ON LATEX & TECHNICAL REPORT WRITING	Online	ONE WEEK	Dept. of Mathematics, Kakatiya University Warngal.
18	MOODLE LEARNING MANAGEMENT SYSTEM training	Online	one week	Sreyas Institute of Engg.
19	Online Faculty Development Programme on "TAXONOMY OF SOFTWARES RELATED TO MATHEMATICAL SCIENCES",	Online	One Week	Gokaraju Rangaraju Institute of Engineering and Technology (AUTONOMOUS) HYDERABAD, TELANGANA.
20	National Level Online Faculty Development Program on "Online Teaching-Learning Processes using ICT Tools for Education 4.0"	Online	one week.	Department of Information Technology, SVPCET Nagpur, in association with Computer Society of India

21	Online Workshop and National FDP on “Research Methodology and ICT based Teaching and Learning Tools”	Online	5 days	Hindusthan College of Arts and Science, Coimbatore, Tamilnadu
22	International webinar on “EMERGING TRENDS IN GRAPH THEORY”	Online	3 days	P.G. & Research Department of Mathematics, Sacred Heart college, Tirupattur
23	“Google Apps”	Online	2 days	Department of H&S, CHRIST COLLEGE OF SCIENCE AND MANAGEMENT, Karnataka.
24	“Techniques and applications in teaching engineering Mathematics”	Online	2 days	K.RAMAKRISHNAN COLLEGE OF ENGINEERING, Tamil Nadu.
25	INTERNATIONAL Virtual FDP ON “Innovative Techniques for Effective Teaching online and offline”	Online	TWO DAY	Department of H&S, Mahatma Gandhi Institute of Technology, Hyderabad
26	online Web series on “Biomedical Imaging”	Online	Two day	The Department of Computer Science & Engineering, Keshav Memorial Institute of Technology, Hyderabad, Telangana
27	online Web series on “Biomedical Imaging”,	Online	Two-day	The Department of Computer Science & Engineering, Keshav Memorial Institute of Technology, Hyderabad, Telangana

#### 16. MEMBERSHIP OF PROFESSIONAL BODIES:

1. Life membership in “**The Indian Science Congress Association**”, with membership No.:L31411.
2. Life membership in “**Global Initiative of Academic Networks**” (GIAN).

#### 17. ANY OTHER CONTRIBUTION: ACTIVELY PARTICIPATED IN NAAC, NBA WORKS