


Faculty Profile

Name of Faculty	Dr. L. Venkata Reddy	
Department	Mathematics	
Qualification	M.Sc., M.Phil., Ph. D.	
Designation	Associate Professor	
Area of specialization	Magneto Hydro Dynamics (MHD) - Stretching Films	
Date of Joining BNMIT	25.08.2003	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
Mobile Number	9448768850	
e-mail	lvenkatareddy@bnmit.in lvrbnm@gmail.com	
No. of years of Experience	Teaching: 22 years Research: 15years	

Academic Qualifications

- **Ph. D.** (Applied Mathematics), BNMIT, Bangalore, Visvesvaraya Technological University, Belgaum (2014)
- **M.Phil.** (Applied Mathematics): Central College, Bangalore University, Bangalore (1996)
- **M.Sc.** (Applied Mathematics): Central College, Bangalore University, Bangalore (1994)
- **B.Sc.** (Physics, Chemistry & Mathematics): Government First Grade College, Chintamani, Bangalore University (1992)

Working Experience Details

- Working as Associate Professor, Department of Mathematics, B. N. M. Institute of Technology, Bangalore, India, from 01/01/2012 to till date.
- Worked as Assistant Professor, Department of Mathematics, B. N. M. Institute of Technology, Bangalore, India, from 01- 12- 2005 to 31-12-2011.
- Worked as Senior Lecturer, Department of Mathematics, R. V. College of Engineering, Bangalore, India, from 01-09-2005 to 30- 11- 2005.
- Worked as Lecturer, Department of Mathematics, B.N.M. Institute of Technology, Bangalore, India, from 25-08-2003 to 31-08 -2005
- Worked as Lecturer, Department of Mathematics, Golden Valley Institute of Technology(Dr. TTIT), K.G.F. India, from 20-12-1996 to 23- 08 - 2003.
- Worked as Lecturer, Department of Mathematics, National College, Basavanagudi and Jayanagar, Bangalore, India, from 01-07- 1994 to 30-03- 1995.

Subject taught

- **Under Graduate Level:** Engineering Mathematics – I, Engineering Mathematics – II
Engineering Mathematics – III, Engineering Mathematics – IV
Discrete Mathematical Structures , Graph Theory & Combinatorics,
Linear Algebra.
- **Post Graduate Level:** Advanced Mathematics, Applied Mathematics , Probability & Statistics.

Title of Thesis:**M. Phil:**

Forbidden subgraphs for join and product of graphs with crossing number one

Ph.D:

Fluid mechanics of cooling of stretching films

Research Supervision**Guiding students of Doctoral Degree**

Sl. No.	Name of the student	University	Title of Research Topic
1	Naveen Bala A. (1BG16PGJ02)	VTU, Belgaum	Study of Two-Dimensional Flows of Nanoliquids due to Stretching sheets and Cylinders
2	Dhruvathara B S (1BG16PGJ01)	VTU, Belgaum	A Theoretical Study of the Effect of Two Nanoparticles on Flow due to Stretching Surface
3			

NPTEL Online certification courses

Sl. No	Title of the course	Duration of the course	Date of exam	Score	Type of certificate
1	Mathematical Methods and Its applications	January-April 2019 (12 weeks)	27 th April 2019	85 %	Elite-Silver

Academic Positions and other Responsibilities (University Level):

1. Worked as *Squad Chief* for the conduct UG / MCA / MBA Dec / Jan 2013 VTU examinations
2. Worked as *External Deputy Superintendent* for the conduct UG / MCA / MBA /M.Tech., May –June 2015, VTU examinations at Dayananda Sagar College of Engineering, Bangalore.
3. *External Deputy Superintendent* for the conduct UG / MCA / MBA December 2014, VTU examinations at AMC College of Engineering, Bannerugatta Road, Bangalore.
4. **Member**, Squad for the conduct UG / MCA / MBA June/ July 2008 VTU examinations.

Academic Positions and other Responsibilities (Institute Level):

1. Member, Editorial Board, International Conference on Fluid Dynamics and its Applications, held at B N M Institute of Technology, Bangalore during 12 – 14, July 2017.
2. Member, Editorial Board, International Conference on Fluid Dynamics and its Applications, 20 - 22, July 2011, B.N.M. Institute of Technology, Bangalore.
3. Member, Editorial Board, International Conference on Mathematical Modeling and Nonlinear Equations, 20 – 22, January 2010, B.N.M. Institute of Technology, Bangalore.
4. Member, Editorial Board, Indian Society of Theoretical and Applied Mechanics (ISTAM-2007), 14 – 17, December 2007, B.N.M. Institute of Technology, Bangalore.
5. Working as a ISO coordinator, BNMIT, Bangalore

Professional Memberships:

- **Life Member**, Indian Society for Technical Education (ISTE): LM -50242.
- **Life Member**, Indian Society of Theoretical and Applied Mechanics (ISTAM): L-577.

Workshops /Seminars Organized:

1. **Member of the organizing committee** International Conference on Fluid Dynamics and its Applications, held at BNM Institute of Technology, Bangalore during 12 – 14, July 2017.
2. **Member of the organizing committee** International Conference on Fluid Dynamics and its Applications, held at BNM Institute of Technology, Bangalore during 20 – 22, July 2011.
3. **Member of the organizing committee** for International Conference on Mathematical Modeling and Nonlinear Equations, held at BNM Institute of Technology, Bangalore during 20 – 22, January 2010.
4. **Member of the organizing committee** for Indian Society of Theoretical and Applied Mechanics (ISTAM'2007), held at BNM Institute of Technology, Bangalore during 14 – 17, December 2007.
5. **Symposium on Applied Mathematics in Engineering Technologies**, member organizing committee , December 16, 2006.

Research Publications:

I. In National & International Journals

National Journal:

1. Manjunath S. & L. Venkata Reddy, Effect of Boussinesq – Stokes suspension over an Exponentially stretching sheet in a Hydromagnetic flow (2012), Mapana J. Sc., India ,11, 3(2012), pp. 93 – 104 , ISSN 0975-3303 .

II. In National/International Conference Proceedings

1. Manjunath S. & L. Venkata Reddy, Study of hydro magnetic flow and heat transfer in a Boussinesq – Stokes suspension over a quadratic stretching sheet(2012), Proc. Intl. Conference on Mathematical Modeling and Applied Soft Computing, Coimbatore Institute of Technology, Coimbatore, India, July 11 – 13, 2012, Vol.1, pp. 934 – 944 , ISBN 978 – 81 -923752 – 1 – 2 .
2. Manjunath S. & L. Venkata Reddy, Study of hydrodynamic flow of a Boussinesq – Stokes suspension over an exponential stretching sheet (2012), Proceedings of National Conference on recent trends in fluid mechanics, Tumkur University, Tumkur, India, May 16, 2012, pp. 82 - 94 , ISBN 978 – 81 -923151 – 5 – 7 .

Papers presented in International/National Conferences

International

1. Flow in a Boussinesq-Stokes Suspension due to an Inclined Stretching Sheet, 52nd Congress of Indian Society of Theoretical and Applied Mechanics-ISTAM 2007 (An International Meet), organized by BNMIT, Bangalore, December 14 – 17, 2007.
2. MHD Flow of a Couple Stress Fluid due to an inclined Stretching Sheet, 53rd Congress of Indian Society of Theoretical and Applied Mechanics-ISTAM 2008 (An International Meet), organized by University College of Engineering (A), Osmania University, Hyderabad, December 27 – 30, 2008.
3. Study of Hydromagnetic flow of Boussinesq-Stokes Suspension over an Exponentially Stretching Sheet, International Conference on Fluid Dynamics and its Applications, organized by the Department of Mathematics, BNMIT, Bangalore, July 20 – 22, 2011.

4. Study of Hydromagnetic flow and Heat Transfer of a Boussinesq-Stokes Suspension over an Exponentially Stretching Sheet, International conference of 56th Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM) – An International Meet, organized by Department of Applied Mathematics and Humanities, S. V. National Institute of Technology, Surat, Gujarat, December 19 - 21, 2011.
5. Study of Hydromagnetic Flow and Heat Transfer in a Boussinesq-Stokes Suspension over a Quadratic Stretching Sheet, International conference on Mathematical Modeling & Applied Soft Computing, organized by Department of Mathematics, Coimbatore Institute of Technology, Coimbatore, India, July 11- 13, 2012.
6. Effect of Boussinesq-Stokes Suspension over an Exponential Stretching Sheet in a Hydromagnetic Flow, International Conference on Emerging Trends in Fluid Mechanics and Graph Theory, organized by Department of Mathematics, Christ University, Bangalore, August 16 - 18, 2012.
7. Study of MHD flow and Heat Transfer in a Newtonian Liquid over an Inclined Exponentially Stretching Sheet, 57th Congress of ISTAM(An International Meet) organized by Department of Mathematics and Mechanical Engineering, Defence Institute of Advanced Technology (DIAT), Pune, December 17 - 20, 2012.
8. Study of Hydromagnetic flow and Heat Transfer in a Boussinesq-Stokes Suspension over a Linear Stretching Sheet, International Conference on Mathematical Modeling and Numerical Simulation(ICMMANS - 2013), organized by Department of Applied Mathematics, School for Physical Sciences, Babadaheb Bhimarao Ambedkar University (A Central University), Lucknow , July 01 – 03, 2013.
9. Study of Hydromagnetic flow and Heat Transfer involving Variable Viscosity Liquid in a Linear inclined Plane, 59rd Congress of ISTAM, (An International Conference) organized by Alliance University, Bangalore , December 17 - 20, 2014.
10. Study of Hydromagnetic flow and Heat Transfer involving Variable Viscosity Liquid over an Inclined Exponentially Stretching Sheet, 62th Congress of ISTAM, (An International Conference) organized by VIT Vellore, December 17 - 20, 2016.

National

1. Study of Hydromagnetic Flow in a Boussinesq-Stokes Suspension over a Quadratic Stretching Sheet, Third National Conference on Emerging Trends in Fluid Mechanics and Graph Theory, organized by the Department of Mathematics, Christ University, Bangalore, 16 - 17, February 2012.
2. Study of Hydrodynamic flow of Boussinesq-Stokes Suspension over an Exponentially Stretching Sheet, the Second National Conference on Emerging Trends in Fluid Mechanics and Graph Theory, organized by Christ University, Bangalore, 11– 12, February 2011.

Participation in Training courses/Seminars/Workshops

[a] Short Term Training Programme

1. Two Week Workshop(TEQUIP) on Computational Fluid Dynamics, organized by the Department of Mathematics, BMS College of Engineering, Bangalore- 19, 09- 23, January 2008.
2. Training Programme for faculty of Engineering Colleges and Management Institutes(AICTE, New Delhi) organized by Indian Heritage Academy, Bangalore at R.V. College of Engineering , Mysore Road, Bangalore -59, 25 – 29, June 2007.
3. One week workshop on Downstream processing, organized by the Department of Biotechnology and Department of Chemical Engineering , R.V. College of Engineering, Mysore Road, 12- 16, March 2007.
4. Behavioral Skills Training Program- INFOSYS Campus Connect program, organized by R.V. College of Engineering, Mysore Road, Bangalore-59, 9 - 16, January 2006.
5. World Class Management Practices for Managing Professional Institution, organized by the Department of Industrial Engineering & Management, R.V. College of Engineering, Bangalore, 23 – 28, August 2004.
6. Fuzzy Logic in Engineering, organized by the Department of Mathematics and Computer Science Engineering, Sir MVIT, Bangalore, 22 – 26, March 2004.
7. Recent Trends in Material Science and Mathematical modeling, organized by the Department of Polymer Science and Technology and the Department of Mathematics, S.J. College of Engineering, Mysore, 28, July – 9 August, 2003.

[b] Faculty Development Programme:

1. Emerging Trends in Mathematics and Its Applications, organized by Ramaiah Institute of Technology, Bengaluru, 28th January – 2nd February 2019.
2. Application of Mathematical Tools for Engineering Problems, organized by Ramaiah Institute of Technology, Bengaluru, 30 July – 4 August 2018.
3. Sampling Theory and Stochastic Process organized by Global Academy of Technology, Bengaluru, 24 – 25, March 2017.
4. Discrete Mathematics, Modeling & Development Program on Discrete Mathematics, Modeling & Computational Techniques in Science & Engineering organized by Ramaiah Institute of Technology, Bengaluru, 16 – 21, January 2017.
5. Theory and Applications of Mathematical Modelling in Engineering organized by MSRIT, Bangalore, 26 – 30, July 2016.
6. Applied Mathematics in Engineering organized by MSRIT, Bangalore, 12 – 14, January 2016.
7. Applied Mathematical Modelling organized by MSRIT, Bangalore, 13 – 15, July 2015.
8. Computational Techniques for Research organized by RVCE, Bangalore, 08 – 10, April 2013.
9. Innovative Teaching and Effective Communication, organized by B.N.M. Institute of Technology, Bangalore, 18 – 20, July 2012.
10. Internalize Intellectual Property & Strategic Management of Intellectual Property Rights, organized by VTU, Belgaum at BNMIT, Bangalore, 2, March 2012.
11. Quantitative Models in Supply Chain Management, organized by the Department of Industrial Engineering & Management, R.V. College of Engineering, Bangalore, 17 – 30, May 2004.

[c] Conference

1. Three day National Conference on Current Advances in Science & Technology, organized by K. S. Institute of Technology, Bengaluru, 10 - 12, May 2017.
2. Fifth National Conference on Emerging Trends in Fluid Mechanics, organized by the Department of Mathematics, Christ University, Bangalore, 14 – 15, March 2014.
3. National Conference on Mathematical Modeling with Engineering Applications, organized by Department of Mathematics, Govt. SKSJTI, Bangalore, 25 – 26, October 2013.
4. National Conference on Recent Trends in Fluid Mechanics, organized by the Department of Studies and Research in Mathematics and Centre for Industrial and Applied Mathematics, Tumkur University, Tumkur, 16, May 2012.
5. International Conference on Fluid Dynamics and its Applications, organized by the Department of Mathematics, BNMIT, Bangalore, 20 – 22, July 2011.
6. National Conference on Emerging Trends in Fluid Mechanics and Graph Theory, organized by the Department of Mathematics, Christ University, Bangalore, 25 – 26, February 2010.
7. 54th Congress of Indian Society of Theoretical and Applied Mechanics-ISTAM 2009 (An International Meet), organized by School of Applied Sciences, Netaji Subhas Institute of Technology, New Delhi, 18 – 21, December 2009.
8. 53rd Congress of Indian Society of Theoretical and Applied Mechanics-ISTAM 2008 (An International Meet), organized by University College of Engineering (A), Osmania University, Hyderabad, 27 – 30, December 2008.
9. 52nd Congress of Indian Society of Theoretical and Applied Mechanics-ISTAM 2007 (An International Meet), organized by BNMIT, Bangalore, 14 – 17, December 2007.
10. National Conference on Applications of Graph Theory, organized by Department of Mathematics, RVCE, Bangalore, 12 – 13, April 2007.
11. National Conference on Recent Trends in Bio-Medical Instrumentation, organized by the Department of Biotechnology and Instrumentation Technology, RVCE, Bangalore, 3, June 2005.
12. National Conference on Mathematical Modelling, organized by the Department of Mathematics, RVCE, Bangalore, 12 – 13, April 2005.

[d] Workshop

1. Z-Transforms & Applications, organized by the East Point College of Engineering & Technology, Bangalore, 27, August 2003.
2. Research Methodologies & Report Writing, organized by the e-learning Centre, Mysore at MSRIT, Bangalore, 28 – 29, May 2009.
3. National level Workshop on Computational Fluid Dynamics, organized by the Department of Mathematics and Mechanical Engineering, RRCE, Bangalore, 22 – 23, October 2010.
4. National Workshop on Analytical & Numerical Solutions of Non-Linear Differential Equations, organized by the Department of Mathematics, Amrita School of Engineering, Bengaluru, 18 – 19, March 2011.
5. Seminar on Statistical Modeling Analysis and its Applications to Engineering, organized by the Department of Mathematics, MSRIT, Bangalore, 8, July 2014.
6. Preparation for Accreditation by NBA, organized by B. N. M. Institute of Technology, Bangalore, 3 - 5, December 2015.
7. Two- Day workshop on Indian Mathematicians, their works and Astronomy, organized by Global Academy of Technology, Bengaluru, 17 - 18, February 2017.


[e] Symposium


1. Symposium on Applied Mathematics in Engineering Technologies, organized by the Department of Mathematics, BNMIT, Bangalore, 16, December 2006

Chairing Technical Sessions

1. Chaired a session of invited lecture in the International Conference on Fluid Dynamics & its Applications .BNMIT, Bangalore(July 14 – 17, 2017).
2. Chaired a Technical session in the 59th Congress of ISTAM (An International Meet), Alliance University, Bangalore (December 17 - 20, 2014).

Personal Details:

 **Date of Birth:** 02 - 07 –1971; **Gender:** Male

 **Family Details:** Spouse : M. Rajamma
Son : V R Rohith
Daughter : Harshini V

 **Passport Number:** ---

15th May 2019

L. VENKATA REDDY