


Faculty Profile

Name of Faculty	Dr. Leena N. Shenoy	
Department	Mathematics	
Qualification	M.Sc., Ph.D.	
Designation	Associate Professor	
Area of specialization	Graph Theory	
Date of Joining BNMIT	22.08.2005	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	leenanshenoy@bnmit.in , dr.lnshenoy@gmail.com	
No. of years of Experience	Teaching: 22 years Research: 12 years	

Academic Qualifications

- **Ph.D.** (2012), Visvesvaraya Technological University, Belgaum, India.
- **M.Sc.** (1996), Mathematics, Department of Mathematics, Karnataka University, Dharwad, India
- **B.Sc.** (1994), Sri Dharmastala Manjunatheshwara college, Honnavar, India

Working Experience Details

- Associate Professor, Dept. of Mathematics, BNMIT, Bangalore, India (2012 – Till date)
- Assistant Professor, Dept. of Mathematics, BNMIT, Bangalore, India (2008 – 2012)
- Senior Lecturer, Dept. of Mathematics, BNMIT, Bangalore, India (Jan 2008 – Aug 2008)
- Lecturer, Dept. of Mathematics, BNMIT, Bangalore, India (2005 – 2008)
- Lecturer, Dept. of Mathematics, CMRIT, Bangalore, India (2001 – 2005)
- Lecturer, Dept. of Mathematics, SJRCW, Bangalore, India (1998 – 2001)
- Lecturer, Dept. of Mathematics, SDM college, Honnavar, India(1996 -1998)

Subject taught

Engineering Mathematics – I, Engineering Mathematics – II, Engineering Mathematics – III, Engineering Mathematics – IV, Discrete Mathematical Structures, Graph Theory and Combinatorics, Advanced Mathematics

Title of the Thesis**Ph.D:**

Gray codes and Hamiltonian Laceability

Research Supervision

Sl.No.	Name of the student	University	Title of Research Topic
1	Manjula M. (1BG17PGA04)	VTU, Belgaum	Study On Laceability Of Various Graph Structures Through Partitioning
2	Rohini Sathish (1BG15PGJ03)	VTU, Belgaum	Hamiltonicity, Hamiltonian Connectivity and Other Properties Of Special Classes Of Graphs
3	Padmaja C (1BG13PGN01)	VTU, Belgaum	Hamiltonian Laceability Properties Of Decomposition Of Connected Graphs
4	Sowmya K. (1BG13PGN02)	VTU, Belgaum	Study On Hamiltonicity Of Regular Graphs

Academic Positions and other Responsibilities (Institute Level):

1. Chief examination Coordinator, BNMIT (2012-13)
2. Member, Anti ragging committee, BNMIT. (2016-17)
3. Chief Editor for the College magazine JNANA BHAGEERATHI(2016-2017).

Academic Positions and other Responsibilities (Department Level):

1. Test coordinator(2008-2009, 2012-2013)
2. Student Coordinator(2009-2010, 2012-2013, 2013-2014, 2015-2016)
3. Time table coordinator(2010-2011, 2015-2016)
4. Cultural coordinator(2013-2014)

Professional Memberships:

1. Life Member - Indian Society for Technical Education (MISTE)
2. Life Member - Indian Society for Theoretical and Applied Mechanics (MISTAM)
3. Life Member - Academy of Discrete Mathematics and Applications(ADMA)

Workshops /Seminars Organized:

Member of organizing committee in the following events:

1. Three-day International Conference on Mathematical Modeling and Non Linear Equations at B. N. M. Institute of Technology, Bangalore, 20-22 January - 2010.
2. Three-day International Conference on Fluid Dynamics and its Applications at B. N. M. Institute of Technology, Bangalore, 20-22 July – 2011.

Research Publications:

International:

1. K. J. Ghanashyam, Vatsala G. A., Jyothi P., Smitha G. Kini and Leena N. Shenoy, A General Goal Programming Model For Optimal Fiscal Management Of Bio- Methanation Process Using Algal Biomass In Wet Garbage, International Journal of Advances in Science Engineering and Technology, ISSN(p): 2321 –8991, ISSN(e): 2321 – 9009, Vol-6, Iss-1, Spl. Issue-1 Feb.-2018,
2. Sowmya K, Leena N. Shenoy and Vatsala G. A., Hamiltonian Laceability of some regular product graphs, International journal of Mathematics trends and Technology. Vol – 52, No. 8, Dec 2017.
3. Leena N. Shenoy, B.Shanmukha, H.Mariswamy and R Murali, Hamiltonicity in Distance Graphs of Paths, International journal of combinatorial graph theory and applications”, Vol.5, No. 1. (Jan-Jun 2012), pp 1-14.(ISSN:0973-7421-Global research Publication)
4. Leena N. Shenoy and R Murali, Laceability on a Class of Regular Graphs, International journal of computational science and mathematics, Vol.2, No. 3. (2010), pp 397-406.(ISSN:0974-3189-International research Publication)
5. Leena N. Shenoy and R Murali, Laceability in Product Graphs, International e-journal of Engineering Mathematics: Theory & Applications, Vol. (9), September 2010, pp.1-13.(ISSN:1687-6156)

National:

Leena N. Shenoy and R Murali, Laceability Number in $G(n, 2)$ Graphs, Journal of Intelligent System Research, 3(2), July-December 2009, pp. 87-116. (ISSN:0975-6205-Global research Publication)

Papers presented in International/National Conferences

International

Some Results on Hamiltonian Laceability, at 19th International Conference of the Jangjeon Mathematical Society, Bangalore University, Bangalore, held on February 22-24, 2007.

National

1. Hamiltonian Laceability Of Regular Product Graphs, at National Conference on Convergence of Science, Technology and Management (NCCSTM-2016), Dayananda Sagar Academy of Technology & Management, Bangalore, held on 5th May 2016.
2. A Study on Hamiltonian Laceability of Hierarchical Hypercube Network, at National Conference on wireless control & communication technologies (NCWCT-2015), Dr. Ambedkar institute of Technology, Bangalore, held on April 27 - 28, 2015.
3. Hamiltonicity of a special class of graphs, at National Conference on Graph Coloring And Its Applications, Dr. Ambedkar institute of Technology, Bangalore, held on July 27 - 28, 2013.
4. Laceability in Distance Graphs, at National Conference on Computational Control Systems and Optimization, Dr. Ambedkar institute of Technology, Bangalore, held on May 12 – 13, 2011.
5. On a Class of Regular Graphs, at National Conference on Emerging Trends in Fluid Mechanics and Graph Theory, Christ University, Bangalore, held on February 25 – 26, 2010.
6. Some Results on Outer Mod Sum Graphs, at National Seminar at St. Aloysius College, Mangalore, held on January 4-6, 2007.

Participation in Training courses/Seminars/Workshops:

1. Five day skill enhancement program On Helping our students get through college organized by GAT, Bangalore, 21st Jan-25th Jan – 2019
2. One week FDP On Emerging Trends in Mathematics and Its Applications organized by MSRIT, Bangalore, 28th Jan-2nd Feb – 2019
3. One week FDP On Applications of Mathematical tools for engineering problems organized by MSRIT, Bangalore, 30th July-4th August – 2018
4. Three-day National Conference on Current Advances in Science & Technology organized by KNSIT, Bangalore, 10-12 May – 2017.
5. Two weeks FDP on Graph Theory-Algorithms & Applications organized by BMSCE, Bangalore, 26th December 2016 - 7 January 2017.

6. One week workshop on Tools for Project Management and Evaluation organized by BMSCE, Bangalore, 18-24 July 2016.
7. Three day FDP on Applied Mathematics in Engineering organized by MSRIT, Bangalore, 12-14 January – 2016.
8. Two-day National workshop on Graph Theory And Its Applications organized by Amrita School Of Engineering, Bangalore, 6-7 August – 2015.
9. One-day training-cum-faculty development program on Cyber Security and Cyber Laws conducted by the Advanced Centre for Research, Development & Training in Cyber laws & Forensics, National Law School of India University, Bangalore in collaboration with B.N.M. institute of Technology on 20th August 2014.
10. One-day international symposium on Advances in Applied Mathematics organized by P. G. Department of Mathematics & Research Centre in Applied Mathematics, M.E.S. Degree college of Arts, Commerce & Science, Bangalore, 18 January – 2014.
11. Three-day Faculty Development program on Innovative Teaching and Effective Communication organized by B. N. M. Institute of Technology, Bangalore, 18-20 July – 2012.
12. One-day Faculty Development program on Internalize Intellectual Property and Strategic Management of Intellectual Property Rights, at B. N. M. Institute of Technology, Bangalore, organized by Entrepreneurship development cell, VTU, Belgaum, 2nd March - 2012.
13. Three-day International Conference on Fluid Dynamics and its Applications, B. N. M. Institute of Technology, Bangalore, 20-22 July - 2011 .
14. One-day workshop on Stochastic Process and Stochastic Models, at M. S. Ramaiah Institute of Technology, Bangalore, 21st May - 2011.
15. Three-day International Conference on Mathematical Modeling and Non Linear Equations, at B. N. M. Institute of Technology, Bangalore, 20-22 January - 2010.
16. Four-day International Conference “54th Congress of ISTAM – 2009”, at Netaji Subhas Institute of Technology, New Delhi, 18-21 December - 2009.
17. Two-day workshop on Research Methodologies and Report Writing, at M.S. Ramaiah Institute of Technology, Bangalore, 28-29 May - 2009.
18. Four-day International Conference “53rd Congress of ISTAM – 2008”, at Osmania University, Hyderabad, 27-30 December - 2008.
19. Two-day workshop on Ramanujan’s Contributions to Number Theory and Research Opportunities in Graph Theory, at St. Philomena College, Puttur, (D.K), 27- 28 July - 2006.
20. Three-day National Seminar on Graph Theory and Algorithms, at PES Institute of Technology, Bangalore, 10 – 12 June - 2006.

21. One-day workshop on Inaugural Graph Theory Day, at Christ College, Bangalore, 10th June - 2005.
22. One-day workshop on Probability and Statistics, at AMC College of Engineering, Bangalore, 29th March - 2004.

Personal Details:

- Date of Birth: 28 - 10 - 1973 ; Gender: Female.
- Family Details:
 - Spouse – Dr. Nagaraj Shenoy
 - Son – Darshan N. Shenoy
 - Daughter – Dhanyata N. Shenoy