

Faculty Profile

Name of Faculty	Dr. Sreelakshmi D.
Department	Mathematics
Qualification	M.Sc., M.Phil., Ph.D.
Designation	Asst. Professor
Area of specialization	Fluid Mechanics
Date of Joining BNMIT	23.08.2008
Nature of Association (Regular/Contractual/Adjunct)	Regular
e-mail	dsreelakshmi@bnmit.in , sreelakshmi.mat@gmail.com
No. of years of Experience	Teaching: 21 years



Academic Qualifications

- **Ph. D.** (2018), Department of Mathematics, Visvesvaraya Technological University, Belgavi, India.
- **M. Phil.** (2000), Department of Mathematics, S. V. University, Tirupathi, Andra Pradesh, India
- **M. Sc.** (1999), Department of Mathematics, Bangalore University, India (I Class).
- **B. Sc.** (1997), N. M. K. R. V. College For Women, Bangalore. (I Class).

Working Experience Details

- Asst. Professor, Dept. of Mathematics, BNMIT, Bangalore, India, (2014 – Till date).
- Senior Lecturer, Dept. of Mathematics, BNMIT, Bangalore, India, (2008-2014).
- Lecturer, Dept. of Mathematics, NHCE, Bangalore, India, (2004-2008)
- Lecturer, Dept. of Mathematics, PESIT, Bangalore, India, (2002-2004)
- Lecturer, Dept. of Mathematics, Cyber Institute of Technology, Bangalore, India, (1999-2002)
- Lecturer, Dept. of Mathematics, VET, Bangalore, India, (1997-1999)

Subject taught

Topics Taught: Engineering Mathematics-I, Engineering Mathematics-II, Engineering Mathematics-III, Engineering Mathematics-IV, Advanced Mathematics-I, Advanced Mathematics-II, Discrete Mathematical Structures, Mathematical Foundation of Computer Science (M.Tech.)

Research Experience Details:

M. Phil:

Rayleigh Benard convection in a fluid layer with variable viscosity

Ph.D. :

Computer assisted numerical solution to flow problem involving coolant surrounded stretching wafer films.

Academic Positions and other Responsibilities (Institute Level):

1. Time table coordinator (2017-18, 2009-10)
2. Cultural Coordinator (2014-15)
3. Test Coordinator(2013-14)
4. Examination Coordinator (2010-2011)

Professional Memberships:

- **Life Member, Indian Society for Theoretical and Applied Mechanics (ISTAM).**

Workshops /Seminars Organized:

1. **Organizing Committee Member** - for **Three Day International Conference** on “**Fluid Dynamics and its Applications**” held at BNM Institute of Technology, Bengaluru during 12-14, July, 2017.
2. **Organizing Committee Member** - for **Three Day International Conference** on “**Fluid Dynamics and its Applications**” held at BNM Institute of Technology, Bengaluru during 20-22, July, 2011.
3. **Organizing Committee Member** - for **Three Day International Conference** on “**Mathematical Modeling and Nonlinear Equations**” held at BNM Institute of Technology, Bengaluru during 20-22, January , 2010.

Research Publications:

I. In National & International Journals

International Journals:

1. “The Buoyancy effect on the Newtonian coolant flow induced by an exponentially stretching thin films”, International Journal of Mathematical Archive (IJMA),6 (4), 2015, pp 133-142, ISSN 2229 – 5046.

National Journals:

2. “The study of Navier slip condition on the flow and heat transfer in a coolant surrounded an exponentially stretching sheet” , Mapana Journal Sciences, 14, 3 (2015), 43-60, ISSN 0975-3303, 43-47.

Papers presented in International/National Conferences

International: ---

1. “Buoyancy effect of Newtonian coolant flow induced by exponential stretching thin films” in 59th Congress of ISTAM (An International Meet) December 17-20, 2014 held at Alliance College of Engineering and Design, Bengaluru.

2. The effect of Navier slip condition on flow of coolant surrounding in exponential stretching sheet” in 56th Congress of ISTAM (An International Meet) December 19-21 , 2011 held at SVNIT, Surat, Gujarat.

Participation in Training courses/Seminars/Workshops

1. Participated in One Week Faculty Development Program on “**Emerging Trends in Mathematics and Its Applications**” held during 28th Jan -2nd Feb 2019 at MSRIT, Bengaluru.
2. Participated in One Week Faculty Development Program on “**Application of Mathematical tools for Engineering problems** ” held during 30th July- 4th August 2018 at MSRIT, Bengaluru.
3. Participated in One Week Faculty Development Program on “**Computational Tools for Engineering Applications** ” held during 16-21 January 2018 at MSRIT, Bengaluru.
4. Participated in One Day Workshop (TEQIP-II) on “**Advanced Numerical Techniques for Engineers and Researchers** ” for UG Programmes held during 23-28 January 2017 at BMS College of Engineering, Bengaluru.
5. Participated in One Day Workshop (TEQIP-II) on “**Tools for project Management and Evaluation**” for UG Programmes held during 18-24 July, 2016 at BMS College of Engineering, Bengaluru.
6. National Conference on “**Applied Science & Humanities**” May 5th, 2015 at K. S. School of Engineering & Management, Bengaluru.
7. Participated in National Workshop on “**Applied Science & Humanities**” on 5th May, 2015 at K. S. School of Engineering & Management , Bengaluru.
8. Participated in Two days Faculty Development Programme “**Towards a New Curriculum in Engineering Mathematics with SCILAB & MAXIMA**” during 26 - 27, December 2014 at Jyothi Institute of Technology, Bengaluru.
9. Participated in One day seminar on “**Statistical Modelling, Analysis and Its Applications to Engineering**” held on 8th July , 2014 at M. S. Ramaiah Institute of Technology, Bengaluru.
10. Participated One day International Symposium on “**Advances in Applied Mathematics**” held on 18th January, 2014 held at M. E. S Degree college of Arts, Commerce & Science, Bengaluru.
11. International Conference on “**Fluid Dynamics and its Applications**” held during 20-22, 2011 held at BNMIT, Bengaluru.
12. Participated in One day Workshop on “**Mathematical Modeling and Its Applications**” held on 13th April , 2011 at BMS Institute of Technology, Bengaluru.
13. Participated in Four – Day workshop on “**Introduction to Probability and Statistics for Application in Engineering**” held during 8-10, June 2010 held at PES Institute of Technology, Bangalore.
14. Participated in One day Symposium on “**Science for Engineers**” held on 11th March at Auden Institute of Technology, Bangalore.
15. Participated in an International Conference on “**Mathematical Modeling & Non Linear Equations**” held during 20-22 , January 2010 held at BNMIT, Bangalore.

Personal Details:

- **Date of Birth:** 29-05-1970; **Sex:** Female.
- **Family Details:** Husband and One Son

23rd April 2019

SREELAKSHMI D.