

P. GOMATHI



Assistant Professor
Department of Mathematics
BMS College of Engineering
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Educational Qualification

Sl. No.	University	Degree	Field of specialization
1	Visvesvaraya Technological University	Thesis submitted	Graph Theory
2	Bharathidasan University	M.Phil	Numerical Methods
3	Bangalore University	M.Sc.	Mathematics
4	Bangalore University	B.Sc.	Computer Science

Employment Records

Sl. No.	University/College	Designation	Period
1	B.M.S. College of Engineering, Bengaluru	Assistant Professor	08-09-2008 to Till date
2	Acharya Institute of Technology, Bengaluru	Lecturer	08-09-2006 to 20-07-2007
3	Golden Valley Institute of Technology, KGF	Lecturer	22-05-2005 to 20-06-2006

Academic Achievements

- 1) Achieved **95%** and above results in the subjects taught, like Graph theory, Engineering Mathematics-1,2,3,4, Discrete Mathematics and Linear Algebra.
- 2) Attended nearly **17** faculty development programmes held across the country.
- 3) Presented **One** paper in conferences held across the country and published **FOUR** journal papers in the peer reviewed international journals.

Publications

International Journals:

1. "Hamiltonian-t*-laceability in the Cartesian product of paths, International Journal of Mathematics and Computation, Vol. 27, Issue. 2, 2016, 95 - 102.
2. "Laceability properties in prism graphs, Advances and Applications in Discrete Mathematics, Vol. 19, Issue. 4, 2018, Pages 437 - 444.
3. "Hamiltonian laceability in the shadow distance graph of path graphs, Malaya Journal of Matematik, Vol. 7, No. 1, 2019, 118-121.
4. "Laceability properties in edge tolerant shadow graphs", Bulletin of the International Mathematical Virtual Institute, vol. 9(2019), 463-474.

International/National Conferences:

1. Laceability properties in the image graphs of some cyclotomic graphs, Proceedings of the 2nd International Conference on Pure and Applied Mathematics, Page: 29-38.

Administrative Activities at BMSCE

- 1) Timetable coordinator for the department from Aug-2014 to Aug-2015.
- 2) BoE member for the department from 2016-2018.
- 3) Worked as a departmental Coordinator towards NBA accreditation.
- 4) Actively participated as a member in curriculum design.

Training/ workshops Attended

S. No.	Short Term Course	From	To	Number of Weeks
1	Introduction to Probability and Statistics for Applications in Engineering	8/6/2010	11/6/2010	1
2	Teaching Learning Methods	2/8/2010	7/8/2010	1
3	Advances in Numerical and Statistical Techniques for Engineers	30/5/2011	3/6/2011	1
4	Biostatistics-Statistical Analysis Through Software Tools	11/2/2013	16/2/2013	1
5	Biostatistics –Hands on with SPSS and R Tool	8/7/2013	12/7/2013	1
6	LaTeX and Excel for Research – Hands on Sessions	2/8/2013	7/8/2013	1
7				
8	Tools for Project Management and Evaluation	18/7/2016	24/7/16	1
9	Graph Theory –Algorithms and Applications	26/12/2016	7/1/2017	2
10	Advances in Finite Element Methods and Applications	17/7/2017	28/7/17	2
11	Foundation Program in ICT for Education	3/8/2017	7/9/2017	1
12	Pedagogy for Online and Blended Teaching - Learning Process	14/9/2017	12/10/17	1
13	Advances in Graph Theory with Applications to Network Sciences	6/8/2018	11/8/2018	1
14	Recent Trends in Domination in Graphs: Algorithms, Complexity and Applications	8/4/2019	12/4/2019	1
15	Applications of Computational techniques in Engineering using MATLAB	3/6/2019	7/06/2019	1
16	Contact and Non-contact Measurements	22/7/2019	27/7/2019	1
17	Industrial Automation Systems and Controls	29/7/2019	2/08/2019	1

Areas of Interest

- Graph Theory
- Numerical Methods
- Mathematical Modeling
- Linear Algebra

Subjects Taught in the last five years:

- Engineering Mathematics-1
- Engineering Mathematics-2
- Engineering Mathematics-3
- Engineering Mathematics-4
- Graph Theory
- Discrete Mathematics
- Linear Algebra

Declaration

I hereby declare that all the statements mentioned above are true to the best of my knowledge and belief.

Sincerely,

Place : Bengaluru
Date : 20-09-2019

(P.Gomathi)