Faculty Profile

Name : Dr. Ashwini B Designation : Assistant professor Department : Mathematics Contact Details: E-mail : ashwinib@nie.ac.in Phone : 8971627049	

About me: Dr. Ashwini B presently working as a Assistant Professor in the Department of Mathematics at National Institute of Engineering Mysuru. I did my school, PUC and Degree education at Bhadravathi. I completed my B.Sc (Physics, Chemistry, Mathematics) in the year 1998 with first class from Sir ,M,Vishveshwaraiah Science College at Bhadravathi . Then I completed my M.Sc in Mathematics in the year 2000 from Kuvempu University at Jnanasahyadri Shankaragatta. I was awarded Third Rank. Then in the year 2008 I obtained my M.Phil degree from Annamalai University through distant education. I completed my Ph.d in the year 2022 under theGuidance of Dr.Sharada .B Associate Professor in the department of Computer Science Manasagangotri Mysore University . My topic in research field "Some Studies on Domination in Graph". I published 5 research papers on perfect domination number at international and Global journals. So far I worked as a lecturer in Visweswaraya composite college, Akkamahadevi PU College Bhadravathi. I had 18 + years of teaching experience. I handled classes for B.Sc , B.Com , BCA, BBM students at U.G level and M.Tech ,MCA students at P.G level.

Qualification:
B.Sc: (Kuvempu University) M.Sc: (Kuvempu University) Ph.D: (Mysore University)

Courses Taught:
UG:
1. Linear algebra
2. Numerical Analysis
3. Probability and Statistics
4. ODE
5. Calculus
6. Complex Analysis

PG:
1. Applied mathematics
2. Discrete Mathematics
3. Discrete Mathematics and Graph Theory

Publications:

1. Perfect Domination Stable Graphs upon Vertex Removal, Global Journal of Pure and Applied Mathematics, ISSN 0973-1768 Volume 17, 141-147-2021

2. Perfect Domination Polynomial of a Graph, International Journal of Mathematics Trends and Technology (IJMTT), 67, 4 & 110 – 113, 2021

3. Perfect domination edge subdivision critical and stable graphs, International Journal of Mathematics and its Applications, 4 (2 - D) 7 – 11- 2016