

Dr. Smita Amogh Bhatavadekar

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A-2/12, Satyadarshan CHS.,

Malpa Dongri No. 3,

Andheri East,

Mumbai – 400 093.

Date of birth : 16th July 1977



Qualification : **Ph. D.** (Mathematics) from Mumbai University, Kalina
M. Phil. (Mathematics) from Mumbai University, Kalina,
M.Sc. (Mathematics) from Mumbai University, Kalina with 61%,
B.Ed. from Mumbai University,
B.Sc. (Mathematics) from C.H.M. College affiliated to Mumbai University with 73%.
SET examination qualified with 68%

Area of Specialization: : Ph.D.-Various Labelings of Supersubdivisions of Graphs, Graph theory.
M.Phil.-A survey of Achromatic number of a graph G.
B. Ed. – Mathematics, Science, Guidance and Counselling.

Total teaching Experience : **23** years.

No. of papers Published: 07 papers

Papers Published : **1. (Super) (a,d)-H-antimagic total labeling of supersubdivision of cycle;**
Aryabhata Journal of Mathematics & Informatics, Volume 13, No. 2, July-Dec., 2021, page 275-290, ISSN(Print):0975-7139
2. Gracefulness of some arbitrary Supersubdivision of cycle;
Journal of Informatics and Mathematical Sciences Vol. 10, No. 4, pp. 599–611, 2018 ISSN 0975-5748, International, 2018.
3. Primeness of supersubdivision of some graphs;
International Journal of .Math. Combin. Vol.4(2017), 151-156, 2017.
4. Cordial Labeling of arbitrary subdivision of wheel, helm and Close helm.
Journal of Combinatorics, Information and System Sciences, Volume 41,(2016) ISSN:0250-9628, International, 2016.
5. Cordialness of arbitrary supersubdivision of graphs
International Journal of Mathematics and Soft computing, Vol.6, No. 2, (2016), 43-56 ISSN 2249-3328, 2016.
6. Study of Achromatic Number of a Graph,
International Journal of Mathematics Research. ISSN 0976-5840 Volume 8, Number 1 (2016), pp. 45-49
7. Recurrence relation for Achromatic Number of line graph of graph

International Research Journal of Engineering and Technology,
Volume: 04 Issue: 06 | June -2017 , p-ISSN: 2395-0072

8. Polyaniline-tio2 Nanocomposite formation and characterization

International Research Journal of Engineering and Technology,
Volume: 04 Issue: 05 | May -2017, p-ISSN: 2395-0072 .

Paper Presentation: Poster paper presented in Eighth International Workshop on Graph Labelings entitled “**Cordial Labeling of Supersubdivisions of Triangular Snakes and Ladders**”.

Work Experience : **1. D. J. Sanghvi College of Engineering, Juhu.**

Experience Since 5th July 2018 till date.

Assistant Professor

2. LokmanyaTilak College of Engineering,Kopar- Khairne.

19 July 2010 – 04 July 2018

Assistant Professor

3. Datta Meghe College of Engineering,Airoli

17 July 2006 – 15 July 2010

Assistant Professor

4. K.C. College ofEngineering, Thane

2 September 2002 – 14 July 2006

Assistant Professor

5. Kirti M. Dongursee College, Dadar

July 2000 – April 2001

Lecturer

Additional

courses completed : **Swayam NPTEL AICTE approved 8 weeks FDP**

1. “Introduction to Abstract Group Theory”
2. “Descriptive Statistics Using R”
3. “Essential Mathematics for Machine Learning”
4. “Matrix Analysis with Applications”
5. “Introduction to Abstract and Linear Algebra”

Coursera Courses

1. “Learning to teach Online.”
2. “Assessment in Higher Education- Professional development for Teachers”.

Faculty Development programs (FDP)

1. Faculty induction programme of 24 days conducted by MMTTC
2. One week FDP on “Application of Applied Mathematics and Recent Trends, techniques and use of ICT tools in teaching Applied Mathematics”.

3. Two week FDP NET/SET workshop for MATHEMATICAL SCIENCES
4. One week FDP Integral Transforms applications using MATLAB Tools
5. Two week FDP Towards Effective teaching and stress management

Workshops / Seminars/ Symposium /Webinars

Professional

1. Domination Theory & Topological Indices
2. Data analysis with Excel
3. International Workshop on EPIDEMIC MODELLING (IWEM2020)
4. Maths and Neural Networks (Techniques and technologies)
5. Active Teaching Learning Strategies using Innovative Technology
6. Eighth International Workshop On graph labelings
7. National Symposium on Challenges and Applications in Mathematics dated 17 July 2021
8. National Symposium on Challenges and Applications in Mathematics Dated 24 July 2021
9. Revised Syllabus of Applied mathematics –II
10. Magic Math

Membership : Life member of ISTE, New Delhi. (Membership number: LM 83690)

Academic

Achievement : Achieved **U.G.C. National Scholarship** during M.Sc. for year 1997-98 and 1998-99.

Extra-curricular

- Activities :
1. Was active member of Science Association during all the years of Graduation.
 2. Had prepared a model and participated in Science Exhibition in year 1996-97 in C.H. M. college.
 3. Was CAP coordinator in the Mumbai University for assessment of Mathematics in the year 2007.

Languages

Known : English, Hindi, Marathi.

Marital Status : Married.

(Dr. Smita Amogh Bhatavadekar)