

RESUME
Dr. Yogeshri Sudhir Gaidhani

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EDUCATIONAL QUALIFICATION :

1. Ph.D. in Mathematics from Savitribai Phule Pune University. Title- 'Matrix Representations of Semigraphs – Properties and Applications'
2. M.Sc. (Mathematics) from Department of Mathematics, University of Pune.
3. Advanced Diploma in Computer Software and System Analysis (ADCSSA) from Symbiosis Institute for Computer Studies, Pune affiliated to Board of Technical Education, MUMBAI.
4. Passed National Eligibility Test (NET) for lecturership conducted by University Grants Commission.
5. Diploma in Information Technology (DIT), Modern Center for Information Technology – CDAC(Centre for and Advanced Computing).

DEGREE	YEAR	UNIVERSITY/ BOARD	SUBJECT	% OF MARKS	CLASS / GRADE
Ph. D.	May, 2017	SP Pune University	Algebraic Graph Theory		
M.Sc.	1993	University of Pune	Mathematics	78	Distinction
B.Sc.	1991	University of Pune	Prin:Mathematics	73	Distinction

ADDITIONAL QUALIFICATION :

DEGREE	YEAR	UNIVERSITY/ BOARD	SUBJECT	% OF MARKS	CLASS / GRADE
NET	1993	UGC –CSIR	Mathematical Sciences	-	-
DIT	1998	MICTR –CDAC		73	A
ADCSSAA	1999	Board of Tech Education		71	Distinction

EXPERIENCE :

1. Worked as a Lecturer in Mathematics in S.P. College, Pune from 18/07/1993 to 31/07/2002 at FY, SY and TYBSc and BCS level.
2. Working in Abasaheb Garware College, Pune as Asst. Professor in Computer Science Department (BCS) from 01/08/2002.

PAPERS PRESENTED / PUBLISHED (2010 onwards):

1. Matrix Representation of Semigraphs : 7th National Conference of Academy for Discrete Mathematics and Applications at National Institute of Technology, Calicut, India
2. Paper titled 'About adjacency matrix of semigraphs' was published in International Journal for Pure and Applied Mathematics, Singapore.
3. Presented a paper titled 'Edge and vertex colouring of Semigraph' at National Conference for Pure and Applied Mathematics organized by College of Engineering, Pune.

4. Presented the paper titled 'Incidence matrix of a semigraph' at International Congress of Mathematicians held at Seoul, South Korea.
5. Paper titled 'Incidence matrix of a semigraph' published in British J. Of Mathematics and Computer Science.
6. Published a paper titled 'Chromatic numbers of Semigraphs' in Indian J. Of Discrete Math. Published by Academy for Discrete Math. And Applications.
7. Paper titled 'Adjacency matrix of a semigraph' published in Electronic Notes in Discrete Mathematics published by Elsevier.
8. Paper titled 'Energy of a semigraph' published in AKCE J. Of Graph Theory and Combinatorics published by Elsevier.

WORKSHOPS / SEMINARS ATTENDED (2010 - 2016) :

Attended various workshops and conferences including the following:

1. Attended '7th National Conference of ADMA' at NIT, Calicut and presented a paper.
2. Attended 'International conference on Engineering Mathematics and Physics' at Bangalore organized by International Society for Comp.Sc. and Information Technology.
3. 'National Workshop on Ramanujan Graphs' by Dept of Mathematics, SPPU and IISER, Pune.
4. Attended workshop on 'Zeta Functions of Graphs' organized by Dept of Mathematics, SPPU.
5. Attended 'National Meet of Research Scholars' organized by National Board for Higher Mathematics, UGC, and Dept of Mathematics, SPPU.

Books Written :

- ✚ A book on Design and Analysis of Algorithms for M.Sc. (Comp Sc) Students (Two editions).
- ✚ A book on Discrete Mathematics for F.Y.B.Sc.(Comp Sc) students.
- ✚ Edited the book titled 'Discrete Mathematics' for Distance Learning Education, published by Indian Knowledge Corporation.
- ✚ Co-authored the book 'Semigraphs' published by Academy for Discrete Mathematics and Applications

Other Activities :

- ✚ Worked as a member of Staff Academy. Computer Science Association, Time Table Committee, Placement committee, Website committee of the college
- ✚ Worked as a member of. Organized many curricular, co-curricular, extra-curricular, cultural activities. Initiated a program 'Ek Mooth Dhanya Yojana' for Vanwasi Kalyan Ashram.
- ✚ Working as Class guardian for S.Y.B.Sc.(Comp.Sc.)