

BIOGRAPHICAL SKETCH

1. GENERAL PARTICULARS

Name: Dr. Mrinalini Pravin Bhadane

Designation: Asst. Professor, Department of Electronics

Name of the College: Modern College of Arts, science and Commerce, Ganeshkhind, Pune

Date of Birth: 12th Sept 1971

Sex (M/F): F

2. EDUCATIONAL DETAILS (GRADUATION ONWARDS)

S. No.	Institution	Degree Awarded	Year	Field of Study
1	Arts, Science and Commerce College, Chalisgaon	B.sc (Electronics)	1991	Electronics
2	Department of Electronics, Pune University	M.sc (Electronics)	1993	Electronics
3	IMRT, Nashik	ADCSSA	2000	Computer Science
4	Department of Electronics, Savitribai Phule Pune University	Ph. D	2020	Microfluidics

3. PROFESSIONAL CAREER (STARTING WITH THE MOST RECENT EMPLOYMENT)

S. No.	Institution	Position	From (Date)	To (Date)
1.	Modern College of Arts, science and Commerce, Ganeshkhind, Pune	Asst. Professor	25 th Sept 2006	Till date
2.	HPT Arts/ RYK Science College, Nashik	Asst. Professor	23 rd July 1994	24 th Sept 2006

4. PUBLICATIONS

i. Text Books: 2

ii. Research Papers: 6

RECENT PUBLICATIONS

International Journal Papers:

1. “Numerical issues in design of passive micro-mixers and its performance analysis using CFD” **M. Amritkar** , A. Patil , S. Barve , S. Gosavi , vol 7, issue 1, 2019, International Journal of Scientific Research in Physics and applied sciences.
2. “Hydro-active surface modifications for passive micro mixer: A case study for unsteady flow at low Damkohler numbers” **M. Amritkar**, A. Patil , S. Barve , S. Gosavi, under review in the journal of Journal of Computational Design and Engineering, Elsevier publications.

National / International Conferences Participation:

3. Presented a paper titled, “Novel Mechanical Designs of Microfluidic Channel for Enhancing Mixing Index” **M. Amritkar**, Muthurajan , S. Gosavi, in 'International Conference on Future Trends and Challenges in Mechanical Engineering, FTCME 2017', organized by Department of Mechanical Engineering, Sinhgad College of Engineering, Pune – 41 on 17th and 18th Feb 2017
4. Research paper titled “Unsteady Flow Simulations for Microchannel Design and Its Fabrication for Nanoparticle Synthesis” **M. Amritkar**, D. Patil , **S. Kulkarni**, S. Barve , S. Gosavi, is published in the International Journal of Chemical and Materials Engineering, Vol:13, No:3, 2019, World Academy of Science, Engineering and Technology
5. National Conference paper on ‘Gas Sensing System Using 8051 Microcontroller’, Mrs. Bhadane Mrinalini Pravin, Mr. Nair Jithin Gangadharan, Jan’ 2017.
6. National Conference paper on ‘An Electronic Attendance System to Record Students Attendance in The College Using Arduino Uno, Mrinalini Bhadane, Mayur Thakar, Sourabh Gaikwad, Modern College of Arts Science and Commerce, Ganeshkhind, Pune.

5.	GRANTS RECEIVED FROM UNIVERSITY GRANTS COMMISSION			
S. No.	Title of Project	Source of Funds	Amount	Duration 5 yrs.
1	Career Oriented Course titled (‘Embedded Systems and its Applications’)	UGC	10 Lakhs	2012 -2017
6.	POSITIONS HELD IN THE INSTITUTION	DURATION		

1	CEO (College Exam Officer)	5 yrs. (2012-2017)	
2	Coordinator of Career Oriented Course titled (‘Embedded Systems and its Applications’)	2 yrs. (2012-13, 2016-17)	
3	Chairperson of Feedback Committee	2017 onwards	

Signature: Dr. Mrinalini Bhadane