

Teacher Profile

Archana Sitaram Bachhav

Mobile: 9860320712

E-mail: 77.archana@gmail.com

Address: Ganagapur Road Nashik



Personal Information

- Name : **Archana Sitaram Bachhav**
- Date of Birth : **23/10/1977**
- Nationality : **Indian**
- Present Position : **Assistant Professor**
- Experience : **17 Years and 2 Months**
- Marital Status : **Married**
- Areas of Research : **Distributed Databases, Cloud Computing**
- Vidwan ID : **346140**
- Orchid ID : **0000-0002-6762-1210**

Educational Details

Degree / Diploma	College /University	Year of Passing	Percentage Marks/CGPA	Class
Ph.D	Savitribai Phule Pune University	2022	Awarded	
M.Phil	Yashwantrao Chavan Maharashtra Open University (YCMOU)	2009	Awarded	
NET	UGC	2012	Qualified	
NET	UGC	2013	Qualified	
SET	Savitribai Phule Pune University	2016	Qualified	
MCS	Savitribai Phule Pune University	2001	64.53%	First
BCS	Savitribai Phule Pune University	1997	65.58%	First

Thesis/dissertation/Project

Degree	Name of the Guide	Title
Ph.D.	Dr. Vilas Kharat	An Intelligent Query Optimizer for Distributed Database in Cloud Environment
M.Phil	Dr. Parvati Rajan	Study and Characterization of Bioinformatics Tools and Design of an Online Assistant
PG	Dr. Madhukar Shelar	Inventory Control System for ABB Private Limited, Ambad, Nashik

Teaching Experience (17 Years)

Organization	Duration	Designation	Total Experience
Maratha Vidya Prasarak Samaj Nashik	24 th Jan. 2006 Till Date	Assistant Professor	17 Years 2 Months

Technical Skills:

Demonstration through Program Modules	C Programming, Java Programming, PHP Programming, Operating System, Advanced Operating System, Machine Learning, Python Programming, Databases, Distributed Database System, Web Frameworks
--	--

Research

Research Paper Publications (5)

1. Shelar M., **Bachhav A** , (2023), Virtualized Resource Management in Cloud Data Center: A Systematic Survey, International Journal for Modern Trends in Science and Technology, 9(3), Pp. 123-131, ISSN 2455-3778
2. **Bachhav A.**, Kharat V., & Shelar M. (2021). An Efficient Query Optimizer with Materialized Intermediate Views in Distributed and Cloud Environment. TEHNIČKI GLASNIK-TECHNICAL JOURNAL, Univ North, 15, 1(2021), 105-111.
[UGC Care List Group II, Web of Science List]
3. **Bachhav A.**, Kharat V., & Shelar M. (2019). Processing Distributed Internet of Things Data with Query Optimization in Cloud. International Journal of Research and Analytical Reviews (IJRAR), Elsevier Academic Press Inc., 6(1), 122-124.
[UGC Care List Group II]
4. **Bachhav A.**, Kharat V., & Shelar M. (2018). Novel Architecture of an Intelligent Query Optimizer for Distributed Database in Cloud Environment, Journal of Advanced Database Management & Systems 5 (2), 28-32
[UGC Approved Journal List No. 3046, Aug 2018]
5. **Bachhav A**, Kharat V & Shelar M. (2017) Query Optimization for Databases in Cloud Environment: A Survey, International Journal of Database Theory and Application, Science and Engineering Research Support Society (SERSC), Vol.10, No.6, pp.1-12.
[UGC Care List Group II, Scopus Source List]

Research Paper Papers presented in International /National Conferences

1. **Bachhav A.**, Kharat V., & Shelar M. (2021) An Efficient Query Optimizer with Materialized Intermediate Views in Distributed and Cloud Environment, International Conference on Convergence of Smart Technologies IC2ST-2021, Aspire Research Foundation, Pune, India,
2. **Bachhav A.**, Kharat V., & Shelar M. (2021) Processing Distributed Internet of Things Data with Query Optimization in Cloud, International Conference on Internet of Things (IoT) and its Applications, New Arts, Commerce and Science College, Ahmednagar, India

Resource Person for Conferences /seminar/workshops

1. Resource person for faculty induction programme in ‘E-Content Development’ organized by UGC-Human Resource Center, Doctor Harisingh Gour Vishwavidyalaya, Sagar (MP) on 7th Dec 2020.
2. Invited as a judge for research paper presentation competition of engineering students at KKW Institute of Engineering Education and Research, Nashik in 2009-10.

Refresher/Orientation/FDP/Trainings

Sr. No.	Name of Refresher/ Orientation/ FDP/ Trainings Programme attended	Organizing Institute	Period	Grade Or Completed
1	UGC-HRDC Refresher Course on Environmental Sciences/Education (Computer Science)	UGC- Human Resource Development Centre, Savitribai Phule Pune University and MVP Samaj's KTHM College, Nashik	Jan 5-18, 2021	A
2	UGC- HRDC Faculty Development Programme on Effective Ways to Develop E-Content for Teaching-Learning	UGC- Human Resource Development Centre, Savitribai Phule Pune University and MVP Samaj's KTHM College, Nashik	May 21-30, 2020	Completed
3	FDP on Managing Online Classes and Co-creating MOOCS	Ramanujan College, Delhi under PMMM National Mission on	Apr 20-May 6,	A+

		Teacher and Teaching, MHRD	2020	
4	UGC-HRDC General Orientation Programme	UGC- Human Resource Development Centre, Savitribai Phule Pune University	Jul 22-Aug 11, 2019	A

Seminar /Conference/ STTP Attended

1. International Conference on Convergence of Smart Technologies IC2ST-2021, Aspire Research Foundation, Pune, India,
2. International Conference on Internet of Things (IoT) and its Applications, New Arts, Commerce and Science College, Ahmednagar, India
3. National Conference on Cyber Security, CMCS College, Nashik
4. State Level Seminar on Big Data & Cloud Computing: Present and Future, KTHM College, Nashik
5. University Level Workshop on Credit System Under Cluster Programme, KTHM College, Nashik
6. University Level Workshop on SYBSc(Comp.Sci) Syllabus Restructuring, Savitribai Phule Pune University,Pune

Role in Curriculum/administrative Activity (College level committee)

1. Coordinator, College Website Development Committee
2. Coordinator, BVoc Certificate Course in Web Designing
3. Member, Placement Cell
4. Member, Criterion V committee

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date: 7/4/2023



(Dr. Archana S. Bachhav)
Name and digital signature