

**Dr. Rupali Deepak Kulkarni,**

**Ph.D. (Computer Science & Engineering – 2019)**  
**M.E. (Computer Science & Engineering-2006),**  
**B.E. (Computer Engineering-1999),**  
**AMFI, LM: I.S.T.E., C.S.I.**



### Qualification Details

- **Ph.D. (Computer Science & Engineering - 2019)**
  - From Shivaji University, Kolhapur and Walchand College of Engineering, Sangli as Research Center.
  - **Research Title:** Advanced Skyline Computation in Distributed Environment
- **M.E. (Computer Science & Engineering): June 2006.**
  - From Shivaji University, Kolhapur and Walchand College of Engineering, Sangli.
  - **First Class with Distinction.**
- **B.E. (Computer Engineering): March 1999.**
  - From Pune University and K.K. Wagh College of Engineering, Nashik.
  - **First Class.**
- **AMFI Certification: Jan 2008. SEBI Certified.**
- **Yog Shikshak: Jan 2010. From Yog Vidya Gurukul, Nasik.**

### Memberships of Professional Bodies

- **Life Member**
  1. Indian Society of Technical Education (**I.S.T.E.**) since 2004. No: LM41929
  2. Computer Society of India (**C.S.I.**) since 2008. No: 00173198.

## Achievements

- **"Nation Builder Award 2020"** by Rotary Club of Nasik Riverside for work in spreading Financial Literacy in youngsters.
- **"Financial Literacy and Inclusion Leadership Award 2019"** by Awoke India, KARVY in 2019. for work in spreading Financial Literacy in society.
- **"Lady Engineer Award: September 2007"**, awarded by Institute of "Nation Builder Award 2020" by Rotary Club of Nasik Riverside for work in spreading Financial Literacy in youngsters.

## Experience Details

**Total Experience: 15 Years+ as mentioned below.**

- A. Industry Experience: (5 Years, 6 Months)
- B. Engineering Academics: 88 months. (7 Years, 4 Months)
- C. Polytechnic Academics: 27 Months. (2 Years, 3 Months)

### 1. Teaching Experience:

| Sr. | Organization Name  | Length of Service                   |
|-----|--|-------------------------------------|
| 1   | K.K. Wagh Institute of Engineering Education and Research, Nasik | 72 months<br>12/6/2008 to 16/6/2014 |
| 2   | N.D.M.V.P. Samaj' s College Of Engineering, Nashik               | 16 months<br>21/1/04 to 10/6/05     |
| 3   | Guru Gobind Singh Polytechnic, Nashik                            | 5 months<br>11/8/03 To 20/1/04      |
| 4   | K. K. Wagh Women's Polytechnic, Nashik                           | 21 months<br>1/8/2000 To 24/6/2002  |

**Subject Handled:** Software Testing and Quality Assurance, Object Oriented Modeling and Design, Data Structures, Database Management System, Adv. Unix Programming, System Programming, Operating System, Java and Adv. Java programming, Numeric Computations, Adv. Development Labs etc.

**Programming Skillset:** Web technologies (CSS, JS, PHP, MySQL, Java, Python), C, C++, Java, Visual Studio tools, Crystal Reports, Data Visualization tools.

## 2. Industry Experience:

| Sr. | Organization Name                                | Length of Service  |
|-----|--|--|
| 1   | Training Head, SWS Financial Solutions Pvt. Ltd. | 33 months<br>From 1 <sup>st</sup> June 2018 to till date |
| 2   | Training Head, Single Window Services, Nasik.    | 33 months<br>1/7/2005 to 30/4/2008                       |

### Role as Software Head.

Contributed in different roles such as **Team Leader , Database Designing and Front End Designer** in various software projects like Blue Book and Raj Imports, Pune (Website) Financial Counseling software , Staff Utilities software , e-Reception System, Task Tracker Web Portal, Website of Alparambha Foundation and Arth Sakshrta Doot.

### Udemy Profile

**Udemy Profile:** <https://www.udemy.com/user/rupali-deepak-kulkarni/>

- Udemy Course: Google Data Studio. (Launched on : 22 May 2021)  
<https://www.udemy.com/course/google-data-studio-made-easy-rdkulkarni>
- Udemy Course: Data Visualization. (Launched on : 16 April 2021)  
<https://www.udemy.com/course/data-visualization-rdkulkarni>

### Research Profile

- Authored research papers in many International & National journals, conferences and symposiums.
- Contributed as author in Springer Book series.  
(**Encl : Annexure I: List of Publications**)

### Research Profiles:

Research Gate:

<https://www.researchgate.net/profile/R-Kulkarni-2>

Google Scholar:

<https://scholar.google.co.in/citations?user=lozcmwYAAAAJ&hl=en>

## Social Contribution in Field of Financial Literacy

Since 2018, I have been an active volunteer at Alparambha Foundation and I work under the thread Financial Literacy. I have contributed in following ways.

- Successfully established and coordinating the activities of "Financial Literacy Clubs" in more than 10 educational institutes in Maharashtra. The activity aims at grooming the young minds in the field of Financial Literacy. Over 100 plus sessions have been conducted under this initiative and over 2000 plus students have been reached.
- Crafted the innovative tools namely "Blue Book" for Financial Inclusion of the family members into the financial journey of the family.
- Worked as Chief Editor of Book: Mano Money which is devoted for improving the financial literacy of the younger as well as adult class.
- Designer, Developer and Administrator of web portal Arth Sakshrta Doot which is used by volunteers who work for Financial Literacy Project to report, monitor their work.
- Contributed as author in newspaper, under column of Deshdoot, Marathi Magazine namely Wayam, bulletin namely "Gawaksh" and Blog (View) of SWS Financial Solutions Pvt. Ltd. and Blog(View)of Alparambha Foundation writing articles for growing minds, women in the area of financial literacy.
- Actively and regularly spreading Financial Literacy in the society through use of social media.

## Personal Information

|                           |   |
|---------------------------|---|
| 1. Birth Date             | 26 <sup>th</sup> Nov. 1977  |
| 2. Marital Status         | Married   |
| 3. Correspondence Address | B 301, Lambodar Avenue, New Tidke Colony, on Govind Nagar Link Road, Nasik-422008   |
| 4. Communication No       | 9011896681  |
| 5. Email                  | <a href="mailto:muktangan@swsfspl.com">muktangan@swsfspl.com</a> , <a href="mailto:rdkulkarni21@kkwagh.edu.in">rdkulkarni21@kkwagh.edu.in</a> ,<br><a href="mailto:rupaliwaje@gmail.com">rupaliwaje@gmail.com</a> |
| 6. Digital Profile        | <a href="http://skylinerresearch.in/">http://skylinerresearch.in/</a>   |
| 7. Personal Blog          | <a href="https://rdkwrites.blogspot.com/">https://rdkwrites.blogspot.com/</a>   |

## Annexure I

### List of Publications

#### International Journal: #3

- 1) R. D. Kulkarni, B.F. Momin, "Query profiler versus cache for skyline computation", International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSC)-Impact Factor: 4.312., Vol. 4 (1), 2018, pp.38-41, ISSN:24544248.  
UGC Approved Journal number 64076.
- 2) R. D. Kulkarni, B.F. Momin, "Skyline computation for frequent queries in update intensive environment", Elsevier Journal of King Saud University - Computer and Information Sciences, (Impact Factor: 13.473) Vol. 28(4), 2016, pp.447-456., ISSN:13191578. DOI: <https://doi.org/10.1016/j.jksuci.2015.04.003>.  
UGC Approved Journal number 30389.
- 3) R. D. Kulkarni, B.F. Momin, "Future Research Directions in Skyline Computation", International Journal of Computer Engineering Science (IJCES), Vol. 5(1), 2012, ISSN: 2250:3439

#### Book Chapters: #2

- 1) R. D. Kulkarni, B.F. Momin, "SCP: Skyline computation planner for distributed, update intensive environment", Springer Smart Innovation, Systems and Technologies (SIST) Book Series, Information and Communication Technology for Intelligent Systems (ICTIS-2017) Vol. 1, 2017, pp.399-408. UGC Approved Journal number 36130, ISSN:21903018. [https://doi.org/10.1007/978-3-319-63673-3\\_49](https://doi.org/10.1007/978-3-319-63673-3_49)
- 2) R. D. Kulkarni, B.F. Momin, "Skyline computation for big data", Springer Lecture Notes on Data Engineering and Communications Technologies (DECT), ACM Int'l. Symp. on Data Science and Big Data Analytics, 2018. Print ISBN: 978-981-10-7640-4. Electronic ISBN: 978-981-10-7641-1. DOI:[10.1007/978-981-10-7641-1\\_23](https://doi.org/10.1007/978-981-10-7641-1_23)

### **National Journal: #3**

- 1) Dr. R. D. Kulkarni, Dr. S.S. Sane and Prof. A.V. Taware, "Enhancing the Online Engineering Education during COVID-19 Period: A Blended Approach of Online Tools", Journal of Engg. Education & Technology, 2022, Vol.35, Pages: 345-349  
<https://journaleet.in/articles/enhancing-the-online-engineering-education-during-covid-19-period-a-blended-approach-of-online-tools>
- 2) R. D. Kulkarni, S.S. Sane, "Impending paradigm shift in Engineering Sciences", Journal of Engineering Education, ISSN 0971-5843, April 2011 issue Vol XXIV No 4, Publisher: Engineering, Education Foundation, Pune. DOI: <https://doi.org/10.16920/jeet%2F2011%2Fv24i4%2F113129>
- 3) R. D. Kulkarni, S.S. Sane, "Inculcating Entrepreneurship Skills in Engineering Graduates", Journal of Engineering Education, ISSN 0971-5843, October 2010 issue Vol XXIII No 2, Publisher: Engineering, Education Foundation, Pune. DOI: [10.16920/jeet/2009/v23i2/114902](https://doi.org/10.16920/jeet/2009/v23i2/114902)

### **International Conference: #3**

- 1) R. D. Kulkarni, B.F. Momin, "Parallel skyline computation for frequent queries in distributed environment", Proc. IEEE Int'l. Conf. on Computational Techniques in Information and Communication Technologies, 2016, pp. 95-102.
- 2) R. D. Kulkarni, B.F. Momin, "Skyline computation for frequent queries", Proc. IEEE Int'l. Conf. on Convergence of Technology, 2014, pp.1-7.
- 3) R. D. Kulkarni, S.S. Sane, "Inculcating Efficient Web Services into Indian Mutual Fund Industry" National Seminar on "Advances in Instrumentation, Signal Processing & Communication", 23 -24 January 2009. Organized by N.D.M.V.P. College of Engineering, Nasik

### **National Symposium/ Seminars: #2**

- 1) R. D. Kulkarni, B.F. Momin, "SCSP: Skyline computation strategic planner for distributed environment", National Research Symp. on Computing, Walchand College of Engineering, Sangli, 2016, pp.12
- 2) R. D. Kulkarni, S.S. Sane, "Real Time Data Mining Framework and Its Need in Financial Sector", International Conference On "Computational Intelligence Applications", 03-05 March 2010, Organized by Sandeep Institute of Technology and Research, Nasik.

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- Research gate Score: 1.61, For 8 research items 3,168 Reads, 16 Citations (as on 20 May 2022)
  - Google Scholar: Citations 17, h-index:2,i10 Index:10

## Technical Author on Internet

### Stats as on 20 May 2022

- 1) Medium.com : <https://medium.com/>  
Article: A Simple Voice-Based Chatbot For Hindi Language: 23 March 2022  
26 Views Read time: 3 min 43 sec  
<https://medium.com/p/c49ceb548ba>
- 2) Medium.com: <https://medium.com/>  
Article: Regression using Random Forest, SVM, and MLP, 22 March 2022  
38 Views Read time: 2 min 57 sec  
<https://medium.com/p/99d1e93d67f3>
- 3) Geeks for Geeks : <https://www.geeksforgeeks.org>  
Article: Sentiment Analysis of Hindi Text – Python, 04 Mar, 2022  
<https://www.geeksforgeeks.org/sentiment-analysis-of-hindi-text-python/?ref=gcse>
- 4) Medium.com: <https://medium.com/>  
Article: Sentiment Analysis for Indic Language: Hindi: 16 Dec. 2021  
59 Views, Read Time: 3 min 16 sec  
<https://medium.com/p/19bd88b577b3>