



**Brief profile of Sonali  
K. Powar**

**Assistant Professor,  
Department of BCA**

**Modern College of  
Science, Commerce  
and Arts,  
Ganeshkhind, Pune**

**Education –**

M.Sc. in Computer Science (Shivaji University in 2009, UGC-NET (2018), Pursuing PHD from Shivaji University

**Work Experience –**

- “Assistant Professor” in Modern College of Arts, Science and Commerce, Ganeshkhind, Pune (2019-2020 )
- “Visiting Lecturer” in Yashwantrao Mohite college, Pune (2018-2019)
- “Visiting Lecturer” in Fergusson College Pune (6 month) 2017
- “Assistant professor” in Fergusson College Pune (1.5 Year) 2012 -14
- “Visiting Lecturer” in BMCC College Pune (6 month) 2012
- “Lecturer” at Kamala College, Kolhapur (2 years) 2009-11

**SUBJECTS TAUGHT-**

- Data Structure
- Android Programming
- C Programming
- Advanced database concepts
- Software project management
- Procedure Oriented Programming- C
- Object Oriented Programming- C++
- Oracle
- VB
- HTML

**OTHER RESPONSIBILITIES-**

- Involved in paper setting and paper checking for BCA (Science) course of Savitribai Phule Pune University.
- Contributed in syllabus designing of Go Programming for BCA (Science) course of Savitribai Phule Pune University.
- Worked as member of IT committee in Stance 2008 Event of Shivaji University

- Worked as course coordinator for “Embedded C and Robotics” Workshop.

## **PAPER PUBLISHED-**

- Sonali K. Powar, H.T.Dinde. Skin Tone Image Steganography using IWT. *International Journal of Scientific Research in Engineering and Management (IJSREM)*. Volume: 04 Issue: 12 | Dec 2020.
- Sonali K. Powar, H.T. Dinde, Radhika.M. Patil. A Study and Literature Review on Various Image Steganography Techniques. *International Research Journal of Engineering and Technology (IRJET)*. Volume: 07 Issue: 08 | Aug 2020.
- Radhika.M. Patil, H.T. Dinde, Sonali K. Powar. A Literature Review on Prediction of Air Quality Index and Forecasting Ambient Air Pollutants using Machine Learning Algorithms. *International journal of innovative science and research technology*. Volume: 05 Issue: 08 | Aug 2020
- S. K. Powar, H.T. Dinde. Enhancement in Security of Skin Tone-Based Steganography using Random Pixels. *INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)* May 2019, Volume 6, Issue 2
- Sonali K. Powar and H.T.Dinde. BIOMETRICS BASED STEGANOGRAPHY USING DWT. *International Journal of Computer Engineering and Applications*. Issn 2321-3469, Vol XII, Special Issue 2018.
- Sonali K. Powar, H.T. Dinde. IMAGE STEGANOGRAPHY: OVERVIEW. *International Conference on Emerging Trends in Basic and Applied Sciences*. 10th march 2015.

## **SOFTWARE DEVELOPMENT EXPERIENCE-**

“**Software Engineer**” with Om Software Technology Kolhapur  
([www.ost-in.com](http://www.ost-in.com)) (1 year) 2009-10

- Designing
- Coding
- De-bugging and Trouble Shooting

## **Projects-**

1. Indospark

[www.indospark.com](http://www.indospark.com)

Skills: ASP.NET, SQL Server 2005

2. Employee Salary

[www.indospark.com](http://www.indospark.com)

Skills: VB.NET, SQL Server 2005

3. AtoZkolhapur

[www.atozkolhapur.in](http://www.atozkolhapur.in)

Skills: ASP.NET, SQL Server 2005

