



## Sonali Amit Kumar Patil

M.E. (Information Technology), B.E. (Information Technology)

Assistant Professor

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**Experience: 12.5** years

### Research Interest

Pervasive computing, Cloud computing, Software Engineering, Human Computer Interface, Mobile Computing

### Research Publications and Citations

International Journal	: 5	International Conferences	: 1	National Conferences	: 2
Google Scholar citations	: 2	Google Scholar h-index	: 6	Google Scholar i10-index	: 4

### Awards/Noteworthy Achievement

- University Topper in SPPU – ME (IT) in 2013

### Workshop/Seminar Attended

**Workshop** on "Latex – 2012" in Sinhgad Technical Education Society's, Smt.KashibaiNavale College of Engineering, Vadgaon BK, Pune.

**FDP** on "Improving teaching Skills" in Trinity College of Engineering and Management Research, Pune.

**Workshop** on "Cyber Security" in Trinity Academy of Engineering

**Workshop** on "Python with Data science" in Trinity Academy of Engineering

### Workshop/Seminar Organized

- Workshop on Software Defined Networking
- Workshop on Cyber Security

### Membership of Professional bodies

- CSI Member
- IETE Member

### Subjects Taught

- Software Engineering
- Database Management System
- Pervasive Computing
- Computer Graphics
- Advanced Web Technology(ASP.NET & VB.NET)
- Theory of computation
- Operating System
- Fundamentals of programming languages
- Distributed operating system
- Software Architecture
- Cloud computing

### Publications

- **International Conference(IEEE):** Paper titled "*Multitenant SaaS Framework implementation with zero effort multitenancy*" is presented and published at IEEE Conference ICACCI -2013 at Mysore, India , Print ISBN: 978-1-4799-2432-5 INSPEC Accession Number: 13861344, Page(s): 834-839 DOI: 10.1109/ICACCI.2013.6637284
- **International Journal:** Published Journal paper in International Journal of Electronics communication and computer engineering (IJECCCE) by Ms.KaleSonali S. and Prof.Mr. RavindraBorhade, on topic "*Implementation of SaaS Multitenancy in cloud computing*" [Volume 4 Issue 1, Jan. 2013](#) ISSN (Online): 2249-071X, ISSN (Print): 2278-4209 pages: 219-223.
- **National Conference:** Paper Titled "*Enhancement of Data Security in Cloud computing Environment*" NationalLevelConferenceon"IntelligentNetworking&Virtual Organization" INVO-2012.
- **National Conference:** Paper Titled "*Multitenant SaaS framework implementation at single instance and with zero effort multitenancy*" in iPGCON-13, Information Technology- PG Conference (University of Pune), Organized by Department of Information Technology, Pune Institute of Technology, Pune and Board Of Studies, University of Pune.

### Books Published

- 1) "Smart System Design and Analysis" for BE Computer Engineering (Semester 7) By Mrs. Sonali Kale – Patil, ISBN Code: 978-93-5224- 094-4, Book Code: PO166A, Tech-Max Publications.
- 2) "Pervasive Computing" Elective II for BE Computer Engineering (Semester 7) By Mrs. Sonali Kale – Patil, ISBN Code: 978-93-5077-617- 9, Book Code: PO172A, Tech-Max Publication.
- 3) "Pervasive and Ubiquitous Computing" Elective I] for BE Computer Engineering (Semester 7) By Mrs. Sonali Kale – Patil, ISBN Code:, Tech-Max Publication.
- 4) "Ubiquitous Computing" Elective I] for BE Information Technology (Semester 7) By Mrs. Sonali Kale – Patil, Tech-Knowledge Publication.