

**Name** Mrs. Sprooha Saurabh Athalye

**Designation** Assistant Professor

**Department** Information Technology

**Date of Joining the Institute** 01/01/2018

**Degree: B.E.(I.T)**

**Post-Graduation: M.E.(Computer)**

**Branch / Specialization** Computer Engineering

**Areas of Interest** Programming

**Email** sproohathalye@gmail.com



**Academic Appointments**

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 01/01/2018 to till date	Assistant Professor
Rajendra Mane College Of Engineering and Technology	From July 2014 to November 2015	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	July 2013 to May 2014	Lecturer
Finolex Academy of Management and Technology, Ratnagiri	August 2010 to May 2012	Lecturer
Total Experience – 4.5Years		

## Students projects Guided at Undergraduate Level

1. Intelligent Chat Bot for Banking System.
2. Study on Dual Watermarking.
3. Study on Universal Background Subtraction Algorithm for Videos.
4. Use of SVD for Image Watermarking.
5. Compact Image code for textual data.
6. RFID based solutions for railway traffic management system.
7. RTO information management system through SMS.
8. Biometric cryptography using fuzzy vault for fingerprints.

## Papers Published

### Papers Presented/Published in National / International Journals – 05

#### International Journals – 05

1. Mr. Aniket Dole, Mr. Hrushikesh Sansare, Mr. Ritesh Harekar & Mrs. Sprooha Athalye "Intelligent Chat Bot for Banking System" *International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 4, Issue 5(2), September - October 2015 ISSN 2278-6856*
2. Mrs. Sprooha Athalye, Mr. Pranav Gurav, Mr. Rohan Chavan & Mr. Rohit Pashte "Study on Dual Watermarking." *International Journal of Engineering Trends and Technology (IJETT) Volume 20 Number 6 Feb 2015*
3. Mrs. Sprooha Athalye & Mr. Omkar Ambekar "Study on Universal Background Subtraction Algorithm for Videos." *International Journal of Engineering Trends and Technology Volume 20 No-5 Feb-2015*
4. Ms. Neha Dhavale, Dr. Seema Biday, Mr. Saurabh Athalye "Self-Organizing Approach for Moving Object Detection and Tracking for Visual Surveillance" *International Journal of Engineering and Technical Research, Volume 2, Issue 5, May-June 2014 Page No.40-43-ISSN 2321- 0869*
5. Ms. Neha Dhavale & Mrs. Seema Biday "Study on self-organizing approach for moving object detection and tracking for visual surveillance" *International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 2, Issue 6, November-December 2013 ISSN 2278-6856 (Survey Paper)*

### Papers Presented/Published in National/ International Conferences – 01

#### National Conferences – 01

1. Mr. Saurabh Athalye & Ms. Neha Dhavale "Robust dual watermarking using SVD & DWT" *In National Conference on Nascent trends in Information & Communication Technology at Terna Engineering College, Nerul, Navi Mumbai on 11 to 13 March 2013.*

### Number of Workshops, Seminars, STTPs, FDPs Attended – 02

#### Two Week or One Week Workshops

1. Pedology for effective use of ICT for engineering education. By IIT Bombay.
2. Educational technology for engineering teachers.

## Workshops

1. Web & Cyber security at R.M.C.E.T.

## College Exam Duties

Carried out exam related duties such as Moderator, Examiner and External Examiner for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.

## Other Experience

### College Level Committees

1. Departmental library in charge (July 2014 To Nov 2015)
2. ITSA In-charge (July 2011 To May 2012)

## Subjects Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience (Years)
1.	Computer Programming (C++)	F.E.- Sem-I	1
2.	Object Oriented Programming Methodology (JAVA)	S.E.(ETRX)-III	1
3.	Information Network Security	T.E.(I.T.) -VI	1
4.	Simulation & Modeling	B.E. (I.T)-VII	2
5.	Computer Graphics	S.E. (comp)-IV	1
6.	Structured & Object-oriented Analysis & Design	T.E.(Comp)-V	2
7.	IT for Health Care	T.E.(I.T)-VIII	1
8.	IT for management of enterprises	T.E.(I.T)-VI	1
9.	DBIRS	S.E.(Mech)-III	1