

Swati Ollalwar

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Dynamic and motivated professional having 11+ years of experience in offering teaching, training, administrative, and management experience, combined with recent education to an organization that is interested in an analytical and strategic thinker.

Education

- ME IT, Year 2011, from Pillai's Institute of Information Technology, Navi Mumbai.
- BE Computers, Year 2006, from Bharti Vidyapeeth's College of Engineering for Women, Pune.
- Diploma in Computer Technology, Year 2003, MSBTE, Pune

Papers Presented/Published at National and International Conferences

- Paper published in International Journal of Engineering Invention (IJEI).
- "Image Compression using EZW encoding" at International Conference on Computer Science and Engineering (ICCSE-2011), Bangalore
- "Image Compression" at National Conference on Recent Trends and Advances in the field of Information Technology (NCIT 2011), Coimbatore
- "Network layer security in mobile Adhoc network" in National Conference on Artificial Intelligence and Information System (NCAIIS-2012).
- "Advanced ECG signal processing using Zigbee Network" in National Conference on Data Mining (NCDM-2013)

Professional Profile

Employer : St. Peter's Engineering College, Hyderabad
Title : Assistant Professor – Computer Science
Dates of employment : Jul. 2018 to Aug. 2020

My responsibilities include: -

- Conduct assigned classes at the times scheduled.
- Conducting respective subjects practical
- Placement coordinator
- Maintenance of Mentor books.
- Writing lecture material and handouts and presenting information in lectures.
- Writing examination reports for faculty/departmental review
- Attend and participate in faculty meetings and other assigned meetings and activities according to college policy
- Providing references for students
- Project guidance to students

Employer : DVR College of Engineering, Hyderabad
Title : Assistant Professor – Computer Science
Dates of employment : Sep. 2014 To Jun 2018

My responsibilities include: -

- Conduct assigned classes at the times scheduled.
- Conducting respective subject's practical
- Maintaining proctor sheets.
- Conducting tutorial classes for weak student as well meeting with parents if needed.
- Conducting departmental events.
- Arranging guest lectures for students.
- Writing lecture material and handouts and presenting information in lectures.
- Taking feedback from students to improve teaching methodologies and content within the department/faculty
- Providing guidance and advice to students
- Writing examination reports for faculty/departmental review
- Providing references for students
- Attend and participate in faculty meetings and other assigned meetings and activities according to college policy
- Assigning reasonable tasks and homework to students

Employer : MVJ College of Engineering, Bangalore
Title : Assistant Professor – Computer Science
Dates of employment : Jul. 2012 To Dec 2013

MVJ College of Engineering (<http://www.mvjce.edu.in/>), (MVJCE) Established in 1982, the MVJ College of Engineering, the flagship of Venkatesha Education Society, imparts education beyond engineering and management. Situated on a 15-acre campus in Whitefield, Bangalore, MVJCE has state-of-the-art infrastructure, creating an environment for progressive learning and development.

My responsibilities include: -

- Part of National level conference organizing committee.
- Conduct assigned classes at the times scheduled.
- Conducting respective subject's practical
- Maintaining proctor sheets.
- Conducting tutorial classes for weak student as well meeting with parents if needed.
- Conducting departmental events.
- Arranging guest lectures for students.
- Releasing newsletter semester wise
- Writing lecture material and handouts and presenting information in lectures.
- Taking feedback from students to improve teaching methodologies and content within the department/faculty
- Providing guidance and advice to students
- Writing examination reports for faculty/departmental review
- Writing dissertation reports
- Providing references for students

- Attend and participate in faculty meetings and other assigned meetings and activities according to college policy
- Assigning reasonable tasks and homework to students

Employer : Pillai Institute of Information Technology, Navi Mumbai
Title : Lecturer – Computer Science
Dates of employment : Aug. 2007 To Feb 2011

Pillai's Institute of Information Technology (<http://www.piit.ac.in/>), (PIIT) seeks to inculcate in its students a sound technical foundation and provides every stimulus for the natural curiosity of student to develop.

My responsibilities includes:-

- Conduct assigned classes at the times scheduled
- Writing lecture material and handouts and presenting information in lectures.
- Conducting respective subject's practical
- Taking feedback from students to improve teaching methodologies and content within the department/faculty
- Providing guidance and advice to students
- Writing examination reports for faculty/departmental review
- Writing dissertation reports
- Providing references for students
- Attend and participate in faculty meetings and other assigned meetings and activities according to college policy
- Assigning reasonable tasks and homework to students

Subjects Taught

- COA (Computer organization and architecture)
- OOAD (Object Oriented Analysis and Design)
- Computer Networks(I)
- Computer Graphics
- Web Programming
- Unix System Programming
- Operating Systems
- Computer programming

Projects

Title	Wavelet based compression for medical Images.
Organization	Pillai's Institute of Information Technology, Navi Mumbai
Duration	1year.
Team Size	1
OS	Windows .
Language	Matlab 7.

Responsibilities	Requirements analysis, designing, development and testing
Description	This project is able to achieve its good performance with a relatively simple algorithm. EZW does not require complicated bit allocation procedures like subband coding does, it does not require training or codebook storage like vector quantization does, and it does not require prior knowledge of the image source like JPEG does (to optimize quantization tables). EZW also has the desirable property, resulting from its successive approximation quantization. Image coded with embedded zerotree wavelet coding shows clearer image than other coding system.

Title	System Administration on Mobile
	Sponsored by Zain Information Systems
Organization	Bharati Vidyapeeth's College of Engg. For Women
Duration	6 months
Team Size	5
OS	Linux
Language	JAVA
Responsibilities	Requirements analysis, designing, development and testing
Description	This software helps system administrator to manage the server better by providing facilities to control system through mobile device. Administrator can do administration through mobile device by issuing commands.

Title	Dental Hospital Management System
	Sponsored by Bharati Vidyapeeth's Dental Hospital, Pune
Organization	Jawaharlal Nehru Institute of Technology
Duration	8 months
Team Size	4
OS	Windows 2000
Language	Visual Basic 6.0, MS Access 2000
Responsibilities	Requirements Analysis, Designing and Development
Description	This system was to reduce manual work in the hospital by computerizing the processes. All the information was stored in the system for easy access and reference.

Personal Details

Name	:	Swati Mahesh Ollalwar
Date of Birth	:	06 th July, 1982
Sex	:	Female
Languages	:	English, Hindi and Marathi
Address	:	C608, Aparna Hill Park Avenues, Chandanagar, Hyderabad