

H.SWATHI, M.E., (Ph.D)
Assistant Professor & Placement Coordinator,
Department of Computer Science Engineering,
Dhirajlal Gandhi College of Technology,
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AREA OF INTEREST

- Data Mining
- Bioinformatics
- Software Engineering
- Wireless Sensor Networks
- Code of Ethics & Professional

WORK EXPOSURE

Name of Institution	Designation	Duration	Experience
Vivekanandha College of Engineering for Women	Assistant Professor	July 2009 to May 2013	4 Years
Dhirajlal Gandhi College of Technology	Assistant Professor	December 2014 to Till date	2 Years
Total Experience			6 Years

SUBJECTS HANDLED

- Object Oriented Analysis and Design
- Computer Programming
- Microprocessor and Microcontroller
- Wireless Sensor Networks
- Software Engineering
- Data Warehousing and Data Mining
- Software Project Management
- Client Server Computing
- Principles of Management
- Professional Ethics

ACHIEVEMENTS

- Produced 100% result in the subject “**Data Warehousing and Data Mining**” of IIIrd semester for PG students conducted by Anna University, Coimbatore.
- Produced 100% result in the subject “**Principles of Management**” of VIIth semester for UG students conducted by Anna University, Coimbatore.

RESPONSIBILITIES HELD

- NBA Coordinator
- UG Project Coordinator
- Event Coordinator
- Placement Coordinator
- Class Advisor
- Organized International Conferences, National Workshops and Symposiums

JOURNAL PUBLISHED

- H. Swathi and Dr. B. Sathiyabhama, "**Classification and Feature Selection: A Survey**", **International Journal of Applied Engineering Research**, vol. 10, no. 21, pp. 20142- 20151, 2015.
- H. Swathi and Dr. B. Sathiyabhama, "**Efficient Feature Selection and Classification for Gene Expression Data**", **Discovery The International Daily Journal**, vol. 35, no. 157, pp. 17- 21, 2015.
- H.Swathi, “**Gene Expression Data Knowledge Discovery Using Global and Local Clustering**” in **Journal of Computing**, Vol. 2, pp.116 - 121, 2010.

PAPER PRESENTED

- *Classification & Feature Selection: A Survey* in the **International Conference on Computing, Communication & Electrical Technologies** in Vivekanadha College of Engineering & Technology on 4th & 5th March 2015.
- *Efficient Feature Selection & Classification for Gene Expression Data* in the **National level conference NCEAD’s** at Dhirajlal Gandhi College of Technology on 30th March 2015.
- *DCAR-Distributed Coding Aware Routing in Wireless Networks* in the **National Conference on Computational Intelligence and Network Security (NCCINS)** in Vivekanandha College of Engineering for Women on 15th & 16th February 2012.

- **Identification of Class of Relevant Genes Using Optimization Algorithms** in the **International Conference on Recent Advances in Technology, Engineering, Management and Science (ICRATEMS)** at Vivekanandha College of Engineering for Women on 4th,5th & 6th March 2011.
- **Mitigating Denial of Service Attacks on Chord Overlay Network: A Location Hiding approach** in the **National Conference on Recent Trends in Innovative Technologies (NCRTIT)** in Vivekanandha College of Engineering for Women on 27th March, 2010.
- **Shape/Texture Descriptor Using 2-D Walking Ant Histogram on Natural Images** in the **National Conference on Computing and Communication Technologies (N3CT)** in Surya College of Engineering on 20th March 2010.

WORKSHOP, SEMINAR & FDP ATTENDED

- One day **Seminar** on **“Climate Smart Agriculture: Multi-Disciplinary Approaches using IoT, Cloud and Big Data”** in Kongu Engineering College on 17th December 2016.
- ICTACT Sponsored Three days **Faculty Development Program** on **“Data Center Virtualization Fundamentals”** in Sona College of Technology on 30th May to 1st December 2016.
- Five days **Workshop** on **“Web Application Development”** in Dhirajlal Gandhi College of Technology December 2016.
- ICTACT Sponsored Three days **Faculty Development Program** on **“Advance Big Data Analytics”** in Kongu Engineering College 2016.
- Three days **Workshop** on **“Web Application Development”** in Dhirajlal Gandhi College of Technology on 14th, 15th & 16th December 2015.
- One day **Workshop** on **“Massive Open Online Courses”** in Dhirajlal Gandhi College of Technology on 12th December 2015.
- One day **National Level Workshop** on **“Big Data Analytics using HADOOP”** in Kongu Engineering College on 23rd July 2015.
- **National Level Workshop** on **“Green Computing”** in Dhirajlal Gandhi College of Technology on 30th March 2015.
- One day **Workshop** on **“Mobile Application Development”** in Dhirajlal Gandhi College of Technology on 9th March 2015.
- DRDO Sponsored two days **National Level Workshop** on **“Data Mining using SQL Server 2008 and WEKA”** in Sri Krishna College of Engineering on 29th & 30th September 2011.

- AICTE Sponsored **International Seminar** on “*New Challenges in Knowledge Based Discovery*” in Vivekanandha College of Engineering for Women on 16th & 17th September 2011.
- Two week **ISTE Workshop** on “*Database Management Systems*” conducted by Indian Institute of Technology Bombay in Vivekanandha College of Engineering for Women on September 2011.
- Two days **Workshop** on “*Digital Image Processing*” in Vivekanandha College of Engineering for Women on 7th & 8th September 2010.
- Two days **National Level Workshop** on “*Wireless Networks*” (NWWN) in Vivekanandha College of Engineering for Women on 28th & 29th August 2009.
- One day **National Level Workshop** on “*Image Processing with MATLAB*” in Vivekanandha College of Engineering for Women on 30th September 2008 .

PROJECTS GUIDED

- UG Project- 06
- PG Project -02

ACADEMIC PROFILE

Course	Specialization	Name of the Institution	Name of the University/ Board	Percentage of Marks/ Grade
Ph.D	Faculty of Information and Communication Engineering	-	Anna University, Chennai	Pursuing
M.E	Software Engineering	Sona College of Technology, Salem	Anna University, Coimbatore.	8.05 (CGPA)
B.E	Electrical and Electronics Engineering	Vivekanandha College of Engineering for Women, Tiruchengode	Anna University, Chennai.	69%

PERSONAL DETAILS

NAME : H.SWATHI
D.O.B : 11-05-1986
FATHER'S NAME : B.HARINARAYANAN
FATHER'S OCCUPATION : V.A.O ASSISTANT
MOTHER'S NAME : P.CHANDRA
MARITAL STSTUS : MARRIED
SPOUSE NAME : B.ARUNKUMAR
CHILDREN : ONE (Girl Baby)
MOTHER TOUNGE : TAMIL
LANGUAGES KNOWN : TAMIL, ENGLISH (Reading, Writing, Spoken)
NATIONALITY : INDIAN

DECLARATION

I hereby declare that the above mentioned information is true to the best of my knowledge.