

## Parameswari.M

Assistant Professor,  
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Dhirajlal Gandhi College of Technology,  
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Experience: 2.6 Years  
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### Experience- 2 Years 7 months.

S. No.	Position	Name of Organization	Period		No.of Years
			From	To	
1	Assistant Professor / CSE	Dhirajlal Gandhi College of Technology	10.06.2014	Till date	2 Years 7 Months

### Academic Details

Course	Institution	Board/University	Class & Percentage
<b>M.TECH - IT</b> May 2014	Sona College of Technology, Salem	Anna University	87% (First Class with Distinction)
<b>B.TECH - IT</b> May 2011	Sona College of Technology, Salem	Anna University	88% (First Class with Distinction)
<b>H.Sc</b>	Sri Sarada Matric Higher Secondary School, Salem	Tamil Nadu State Board	84% (English Medium)
<b>SSLC</b>	Sri Vidya Mandir Secondary School, Salem	Central Board of Secondary Education	69% (English Medium)

### Subject Interest

- Data Structures
- Design and analysis of Algorithms
- Database Management Systems
- Operating Systems

### Research Interest

- Image Processing
- Network Security

## Subject Handled

### UG:

- Computer Programming
- Design and Analysis of Algorithms (3)
- Object Oriented Analysis and Design (2)
- Programming and Data Structures-II

### PG:

- Software Process and Project Management
- Advanced Data Structures and Algorithms
- Information Storage Management

## Research Publications

### International Journals

- **Comparing Performance Measures of Sparse Representation on Image Restoration Algorithms**, *The International Arab Journal of Information Technology*, Vol.13, No. 6A, 2016. (Annexure-1)
- **A Novel Approach for Detecting Low Rate DDOS Attacks in Networks Using Entropy Variation and Retransmission Time Out**, *Discovery The International Daily journal*, ISSN 2278 – 5469 EISSN 2278 – 5450 | Vol No 35(160), Pg.no 58-65 SEPTEMBER 2015.
- **Improving the Lucidity of Image Restoration using Sparse Representation**, *Discovery The International Daily journal*, ISSN 2278 – 5469 EISSN 2278 – 5450 | Vol No 35(156), Pg.no 7-12 SEPTEMBER 2015.
- **A Survey on Sparse Representation based Image Restoration**, *International Journal of Computer Science and Business Informatics*, ISSN: 1694-2108 | Vol. 12, No. 1, Pg .no 11-24 APRIL 2014.

### International Conferences

- Presented a Paper on “**Clustering Based Facial Expression Recognition using Sparse Representation**” in International Conference on Innovative in Science, Engineering & Technology (ICISSET-2016).
- Presented a Paper on “**Iterative variation based Image Super Resolution**” in International Conference on Innovative Research and Technology (ICIRT-2015).

### National Conferences

- Presented a Paper on “**Discriminating DDOS attack from Flash Crowds in IPV6 Networks using Entropy Variations and Sibson Distance Metric**” in National Conference on Intelligent Computing with IoT (NCICI-2016) at Dhirajlal Gandhi College of Technology.

- Presented a Paper on “**A study of IOT Protocols & Relevance to Near Real Time Performance**” in National Conference on Intelligent Computing with IoT (NCICI-2016) at Dhirajlal Gandhi College of Technology.
- Presented a Paper on “**Improving the Lucidity of Image Restoration Using Sparse Representation**” in National Conference on Engineering Applications for Developing Smart cities (NCEADS-2015) at Dhirajlal Gandhi College of Technology.
- Presented a Paper on “**A Brief Survey on Image Denoising and Deblurring Methodologies in Restoration**” in National Conference on Social, Mobile, Analytics and Cloud (NCSMAC-2014) at Sona College of Technology.

### Professional Membership

1. **IAENG** - International Association of Engineers – Life time Membership

### FDP/Workshop / Seminars Attended

- Attended a Three Day Faculty Development Programme on “**CS6660 – Compiler Design**” at KSR Institute for Engineering and Technology, Tiruchengode from 15.12.2016 to 17.12.2016.
- Attended a Seven Day Faculty Development Training and Development Programme on “**Programming and Data Structures – I**” at Dhirajlal Gandhi College of Technology, Salem on 04.12.2015 to 10.12.2015.
- Attended a Three Day National Workshop on “**Mobile Application Development**” at KSR Institute for Engineering and Technology, Tiruchengode from 25.11.2015 to 27.11.2015.
- Attended a One Day Workshop on “**Effective Laboratory Handling Practices**” at Dhirajlal Gandhi College of Technology, Salem on 26.06.2015.
- Attended a Two Day Workshop cum FDP on “**Pedagogy & Department Record Maintenance**” at Dhirajlal Gandhi College of Technology, Salem on 23.06.2015 and 24.06.2015.
- Attended a One Day National Workshop on “**GREEN COMPUTING**” at Dhirajlal Gandhi College of Technology, Salem on 30.03.2015.
- Attended a One Day Workshop on “**MATLAB**” at Dhirajlal Gandhi College of Technology, Salem on 10.01.2015.
- Attended a FDP on “**Effective Teaching Methodologies**” at Dhirajlal Gandhi College of Technology, Salem on 06.11.2014.
- Attended a seminar of Golden Tech-Bridge Programme on “**Computer Basics and Hardware Troubleshooting**” at Dhirajlal Gandhi College of Technology, Salem on 09.08.2014.
- Attended Two week FDP on “**Recent Advances and Future Scope of Research in Image Processing**” at Sona College of Technology, Salem from 10.07.2013 to 23.07.2013.
- Attended a Two Day National Workshop on “**Cyber Security**” at VIT, Chennai on 1.03.2013 and 2.03.2013.

### Industrial Training

- Attended a seminar on “How to make Industry-Ready-Teachers” sponsored by Buddi Health on 10.01.2017 at Dhirajlal Gandhi College of Technology, Salem.
- Attended a Three Day industrial training on “**Data Structures and Algorithms**” sponsored by Buddi Health from 10.01.2017 to 12.01.2017 at Dhirajlal Gandhi College of Technology, Salem.
- Attended a Two Day Workshop on “**Building an Enterprise Hadoop Cluster using Amazon Public Cloud**” sponsored by Cloud Madurai Technologies at Dhirajlal Gandhi College of Technology, Salem on 01.09.2015 and 02.09.2015.

### Online Course

- Completed a mini-course on “**Publishing and Reviewing Papers in Engineering Education**” sponsored by IUCEE with 85% from June 7<sup>th</sup> to July 26<sup>th</sup>.

### Achievements

Awarded silver coins for producing more than 90% of results in the academic for the following subjects

- Design and Analysis of Algorithms
- Object Oriented Analysis and Design

### Projects Guided

- UG Projects: 2 projects
- PG Projects: 2 projects

### Guest Lecture/Seminar/Workshop Delivered

- Delivered a Hands-on workshop on “**Smart Usage of Excel in Engineering**” for Civil Students of Dhirajlal Gandhi College of Technology Salem on 25.08.2016.
- Delivered workshop on “**Effective Laboratory Handling Practices – Programming and Data Structures Laboratory**” for CSE faculties of Dhirajlal Gandhi College of Technology, Salem on 26.06.2015.
- Delivered workshop cum FDP on “**Pedagogy & Department Record Maintenance – Project Proposals**” for CSE faculties of Dhirajlal Gandhi College of Technology, Salem on 24.06.2015.

### **Proposal Sent**

- Submitted a proposal for conducting a seminar on “Internet of Things” to Defence Research and Development Organization (DRDO)

### **Other Roles/Responsibilities**

1. Class Advisor (Dhirajlal Gandhi College of Technology)
2. Student Counselor (Dhirajlal Gandhi College of Technology)
3. AICTE Coordinator of CSE (Dhirajlal Gandhi College of Technology)
4. Women’s Club Coordinator (ADITI) of CSE (Dhirajlal Gandhi College of Technology)
5. IV Coordinator of CSE (Dhirajlal Gandhi College of Technology)
6. IE Coordinator of CSE (Dhirajlal Gandhi College of Technology)
7. Project Proposal Incharge (Dhirajlal Gandhi College of Technology)
8. External examiner (Anna university)
9. Staff Room Incharge (Dhirajlal Gandhi College of Technology)
10. Bus Incharge (Dhirajlal Gandhi College of Technology)