

# Dr. Sreeletha SH

Associate Professor CSE



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[Scholar link](#)

## Qualifications:

- B. Tech – Computer Science and Engg. (Cochin university of Science & Technology )
- M. Tech – Computer Science and Engg. ( University of Kerala )
- Ph.D - Computer Science and Engg. (Karpagam Academy of Higher education, Coimbatore )

## Professional Experience:

- Associate Professor, LBSITW, Trivandrum (2013 -Till date)
- Assistant Professor , King Khalid University, Kingdom of Saudi Arabia (2012-2013)
- Assistant Professor, LBSITW, Trivandrum (2003-2012)
- Lecturer, LBSCE Kasaragod (2001-2003)
- Adhoc Lecturer NIT Calicut Lecturer (2000-2001)

## Recently Taught Courses:

- Computer Networks
- Operating Systems
- Embedded Systems
- Computer Organization
- Microcontroller
- Computer Hardware and Interfacing
- Algorithm Analysis and Design
- Data Structures and Algorithm
- Computer Graphics
- Software Project management
- Software Engineering
- Decision Support Systems
- Microprocessors
- Computer Architecture and Parallel Processing
- Professional Ethics

## Other Responsibilities:

- Head of The Department, CSE
- Dean of PG studies
- Dean Academics
- Conference Organizer (NCACCT 2014)
- Pass board member – S8 B Tech / S7 BTech Kerala University
- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the University of Kerala and APJ Abdul Kalam Technological university
- Convocation Coordinator 2018.
- Student Union Advisor
- Reviewer for Journal and Conference papers

## **Publications:**

### **Research (Selected publications)**

1. Sreeletha S H Abdul Rehman M, Generating 3D Image Based on Depth Map Estimation Using Hybrid Clustering and Merging Algorithm, Journal Of Theoretical And Applied Information Technology (JATIT) 97, 1992-8645 2019
2. Sreeletha S H, Abdul Rehman M, 3D Image Generation from Textured Digital Images Using Improved Linear Algorithm Based On Depth Map Estimation and Resolution Enhancement ,International Journal of Engineering and Advanced Technology (IJEAT) Volume 8 , Issue 5 2019
3. Sreeletha S H, Anju V K, Diversified Segmentation And Classification Techniques On Brain Tumor : A Survey, International Research Journal of Engineering and Technology (IRJET) Volume 6 Issue 4, 2019.
4. Sreeletha S H, Nikhitha Anil. EMG Based Gesture Recognition Using Machine Learning, 2018 IEEE Second International Conference on Intelligent Computing and Control Systems (ICICCS) Page1560-1564,IEEE, 2018
5. Sreeletha S H, Geethu S.S, An Efficient Depth Segmentation Based Conversion of 2D to 3D Images Vol. 5, Issue 6, August 2016, International Journal of Engineering and Advanced Technology (IJEAT) Volume 5 Issue 6, 2016
6. Sreeletha S H, Arya.A.R , Resolution Enhancement of Images using Multi-wavelet and Interpolation Techniques”, International Journal of Advanced Research in Computer and Communication Systems, Volume. 5, Issue 7, July 2016.
7. Arya A R, Sreeletha S H , “SWT-ICBI based Single Image Super Resolution”, International Journal Of Scientific & Engineering Research Volume. 7, Issue 7, 2016
8. Arya A.R ,Sreeletha S.H, Abdul Rehman M , An Overview of Resolution Enhancement Techniques of satellite images, Journal of Emerging Technologies and Innovative Research (JETIR) Volume . 3, Issue 6, 2016.
9. Sreeletha SH, Geethu S.S, ”A Survey On 2d To 3d Image Conversion Techniques”, Journal of Emerging Technologies and Innovative Research (JETIR) Volume . 3, Issue 6, 2016

### **Book Chapter Published :**

3D Image Generation from Textured Digital Images Using Improved Linear Algorithm Based on Depth Map Estimation and Resolution Enhancement: A Recent Study. S. H. Sreeletha, M. Abdul Rehman Novel Research Aspects in Mathematical and Computer Science Vol.8, 1 October 2022, <https://doi.org/10.9734/bpi/nramcs/v8/2279B>

## Membership in Professional Organizations

- Life member ISTE
- CSI Member
- IEEE
- ACM -W