



**Mr. S.SIVAKUMAR M.Sc.,M.Phil.,P.G.D.C.A.**

Associate Professor and Head.

**Specialization:**

Biomedical signal processing  
Biomedical Image processing  
Embedded system design

**Address:**

PG & Research Department  
of Electronics  
Government Arts College,  
Paramakudi - 623 701

**Contact:**

9443465973  
gacelectronicspm@gmail.com

---

Doing Ph.D. at University of Madras.

### Achievements:

- Best Paper Presenter Award for the oral presentation of the paper entitled, Discrete Time-Frequency Signal Analysis and Processing Techniques for Non-Stationary Signals , held at Presidency College, Chennai, March 2017.
- Chairperson for Electronics Board of Studies, Alagappa University, Karaikudi

### Journals and Publications: (3)

1. S. Sivakumar and D. Nedumaran, Discrete Time-Frequency Signal Analysis and Processing Techniques for Non-Stationary Signals , Journal of Applied Mathematics and Physics, 6, (2018), 1916-1927, DOI;[10.4236/jamp.2018.69163](https://doi.org/10.4236/jamp.2018.69163)
2. S. Sivakumar and D. Nedumaran, Discrete Time-Frequency Signal Analysis and Processing Techniques for ECG Signals, International Journal of Scientific & Engineering Research Volume 11, Issue 1, January-2020 610 ISSN 2229-5518
3. S. Sivakumar and D. Nedumaran, Separable Windowed Discrete Time-Frequency Signal Analysis and Processing Techniques for ECG Arrhythmia Signals, Journal of Engineering Research and Application , ISSN : 2248-9622, Vol. 10, Issue 4, ( Series - IV) April 2020, pp. 23-35

### Conference and workshop:

1. International conference on Mathematical Methods and Computation, held at by Jamal Mohamed College(Autonomous), Trichirapalli, PG & Research Department of Mathematics on 19.02.2020 and presented a paper on Separable Discrete Time-Frequency Signal Analysis and Processing Techniques for ECG Arrhythmia Signals.
2. A National Level Conference on Applications of Molecular Biology Techniques and Computational Approaches in Disease Diagonosis, Prevention and Therapy,

held at Government Arts College, Paramakudi, Department of Biochemistry on 20th and 21st December 2019 as an Invited speaker.

3. International conference on Computer Simulations in Natural Sciences held at Presidency College, Chennai and Presented a Paper on Discrete Time-Frequency Signal Analysis and Processing Techniques for Non-Stationary Signals
4. Participated Seminar on Internal Quality Assurance Cell, Alagappa University, Karikudi on 09.01.2015.
5. Participated Seminar on Internal Quality Assurance Cell, Alagappa University, Karikudi on 10.12.2014.
6. Participated 99th Indian Science Congress held at KIIT University, Bhubaneswar, from January 3 to 7 2012.
7. Participated 98th Indian Science Congress held at SRM University, Chennai, from January 3 to 7 2011.

#### **Seminar and Workshop Organized:**

Seminar and Workshop Organized:

1. Convener for State Level workshop on "Recent Trends in Data Processing" held at Government Arts College, Paramakudi, Department of Electronics from 22nd and 23rd February 2020.
2. Convener for State Level Seminar on Mechatronics held at Government Arts College, Paramakudi, Department of Electronics on 18th march 2010.