CURRICULUM VITAE

Dr.S.G.Susila
Teaching Fellow
Department of ECE
UCE – BIT Campus, Tiruchirappalli 620 024
Contact no: 8248442909
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➢ **Research Area:**
- Communication Systems
- Networking
- Embedded & IOT

➢ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (specialization)	Anna University, Chennai	2018	Recommended	-
M.Phil.	-	-	-	-
PG (specialization)	Anna University, Chennai	2006	83	I
UG (specialization)	Bharathidasan University, Trichy	1996	58	II
Diploma (ECE)	DOTE	1987	76	I

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
Rover Engineering College	AP	2006	2010 (July)	4
Anna University, Trichy BIT Campus	Teaching Fellow	2010(August)	Still Date	13

➢ **Awards / Honours Received:**

1. 100% Result produced

➢ **Additional / Academic Responsibilities at University:**

1. Class Co-ordinator 2015-2019 batch and 2020-2023.
- **2.Department Exam cell   Co-ordinator.**
- **3. NAANMUTHALVAN   Co-ordinator. V &VII SEM.**

- **Membership of Scientific and Professional Societies:**

   1.

   2.

- **Fellowships and Grants received:**

- **Completed PG/UG Projects:**

   a. Number of PG Projects Completed: xx Nos

   b. Number of UG Project Completed: 30 batches

- **Research Guidance (M.S/Ph.D.) (Completed):**

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce
1.				

- **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.				

- **Publications:**
  a. Books / book chapters:

   1. Book Published on **Transmission lines and wave guides**. ANURADHA publications Chennai.2006

  b. International Journals:

1.Susila, S G &Arputhavijayaselvi, J 2016, 'Innovative energy resourceful merged layer technique (MLT) of node deployment to enhance the lifetime of wireless sensor networks', Egyptian Informatics Journal, vol.16, pp.23-28, 2015. (Annexure II, Sl.No.5435. Version 2016.2).Status: PublishedSNIP-1.491, Annexure – II, S.No.: 5435.

2. Susila, S G & Arputhavijayaselvi, J 2015, 'Admin Leach: A New-Fangled Well-Organized Energy Efficient Routing Protocol for Wireless Sensor Networks', International Journal of Applied Engineering Research, vol. 10, no.11,pp. 29267-29282, (Annexure II, Sl.No. 8565, Version 2014.2).Status: Published(Impact Factor: 0.166, Annexure – II, S.No.: 8565).

3.Susila, S G & Arputhavijayaselvi, J 2016, 'Energy Proficient Reliable Rim Routing Technique for Wireless Heterogeneous Sensor Networks Lifespan Fortification', Circuits and Systems, vol. 7, no. 8, pp. 1751-1759,(Updated list of Journals 2016, Sl.No.2159-May list). Status: Published Impact Factor: 0.93 Updated lists of Journals 2016, Sl.No.2159-May 2016.

4. Susila, S G & Arputhavijayaselvi, J 2016, 'Multipart Layer Node Deployment and Computational Technique with Finest Cluster Head Selection for Network Lifetime Enhancement' Journal of Computational and Theoretical Nano science (CTN), vol. 13, pp. 6642–6648, 2016. (Status: Published Impact Factor: 1.343, Annexure – I,S.No.: 5890).

5. Saravanakumar. R, Susila. S. G, Krishnachandrika. S, "Proficient Energy Efficient A2S Leach Technique in Wireless Sensor Networks", International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-5, June 2020

c. **National Journals:**

1.

➤ **Patents:**

➤ **Sponsored Research Projects:**

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status

➤ **Consultancy Activities:**

Sl.No	Name of the work	Role (PI/Co PI)	Agency	Amount	Duration

List of Seminar / Short Term Course /FDP/ Workshop organized:

1.Webinar on Employability Enhancement Tips – Post COVID 19(2020 JUNE)

2.Seminar on IOT and Its APPLICATIONS. (9.9.2022)

List of Seminar / Short Term Course /FDP/ Workshop attended:

- 1. Two days' workshop on "Networking Simulator Tools" organized by Dept. of ECE, Anna University Tiruchirappalli, Tiruchirappalli on 17.07.2010 & 18.07.2010. 2. One day national level workshop on "Discrete Event Simulation for Protocol Design wireless networks" organized by Dept. of ECE, Anna University of Technology Tiruchirappalli, Tiruchirappalli on 22.12.2010.

- 3. Three days national level workshop on " Emerging Trends on High – end FPGAs" organized by Dept. of ECE, Anna University of Technology-Tiruchirappalli, Tiruchirappalli from 10.12.2010 & 12.12.2010.

- 4. One day workshop on " Teaching Methodologies" organized by Dept. of English, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 08.01.2011. 5. Two days national level seminar on " Design Issues & Research Challenges of OFDM wireless networks" organized by Dept. of ECE, Anna University of Technology Tiruchirappalli, Tiruchirappalli on 04.02.2011 & 05.02.2011. 6. CSIR Sponsored Two days national Seminar on " Fuzzy mathematical modeling and optimization Techniques" organized by Dept. of Mathematics, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 27.07.2011 & 28.07.2011

- 7. One day seminar on " Research Methodologies" organized by Centre for Research, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 27.08.2011.

- 8. ACDOS 1st workshop on "Fascinating and Challenging Applications of Estimation", Dept.of ICE, National Institute of Technology, Trichy on 10.11.2011&11.11.2011. 9. UGC Sponsored workshop on " Advances in Process Control System Design and Implementation" organized by Dept. of EIE, Faculty of Engineering & Technology, Annamalai University, on 02.03.2012 & 03.03 2012. 10. One Day National Level Seminar on "Strategic Teaching Quality Management for Technical Teachers (STQM-13) " on 16th March 2013 Organized by Department of Electronics and Communication Engineering Anna University Regional Centre BIT Campus Tiruchirappalli-620024.

- 11. Attended UGC sponsored orientation course, Batch 111 organized by theUGCAcademic Staff College, University of Madras, Chennai-600005 for 28daysfrom22.05.2013 to 18.06.2013.

- 12. Attended TEQIP II sponsored Faculty Developed Program on "EC 2204 –Signals and systems" at Anna University, Chennai from 15.07.2013 to 19.07.2013 organized by Centre for Faculty Development, Anna University.
  13. Attended TEQIP II Sponsored Faculty Development Program on "IC 2401 Digital Control Systems" at MIT Campus, Anna University, Chennai from 02.12.2013 to 08.12.2013 organized by Centre for Faculty Development, Chennai.

- 14. Seminar on 'LABVIEW and Data Acquisition' and hands-on session conducted by National Instruments, Bangalore at Hotel Breeze Residency, TiruchirappallionFeb26,2014.
  15. Attended TEQIP-II sponsored FDP on Nano science applications in engineering and technology from 06.05.15 to 19.05.15 organized by petro chemical engineering dept., BIT Campus, Trichy.

- 16. Attended the TEQIP sponsored "Foundation Skills in Integrated Product Development" Train- the-Trainer program from 27.09.2015 to 01.10.2015 at Anna University,Chennai organized by Centre for Faculty Development, Anna University , Chennai in collaboration with IT-ITeS Sector Skills council NASSCOM.

- 17. Attended TEQIP-II sponsored two week FDP on "Enhancement of classroomcommunication" from 18.07.16 to 31.07.16 (14 days)organized by department of English, BIT Campus, Anna University, Tiruchirappalli

➢ **National / International Conferences/Workshop Participated:**

1. Two days' workshop on "Networking Simulator Tools" organized by Dept. of ECE, Anna University Tiruchirappalli, Tiruchirappalli on 17.07.2010 & 18.07.2010.
2. One day national level workshop on " Discrete Event Simulation for Protocol Design wireless networks" organized by Dept. of ECE, Anna University of Technology Tiruchirappalli, Tiruchirappalli on 22.12.2010.

3. Three days national level workshop on " Emerging Trends on High – end FPGAs" organized by Dept. of ECE, Anna University of Technology-Tiruchirappalli, Tiruchirappalli from 10.12.2010 & 12.12.2010.

4. One day workshop on " Teaching Methodologies" organized by Dept. of English, Anna University of Technology-Tiruchirappalli, Tiruchirappalli on 08.01.2011.
5. Two days national level seminar on " Design Issues & Research Challenges of OFDM wireless networks" organized by Dept. of ECE, Anna University of Technology

Tiruchirappalli, Tiruchirappalli on 04.02.2011 & 05.02.2011.
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➤ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor …etc)

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(A) Chairperson for conferences / Seminar / Technical symposia:

- Chairperson for Technical Symposium

(B) Guest lectures delivered:

- Basic Electrical and Electronics (2)