BIODATA

1. **Name: Dr. C. SREEKANTH**

2. **Designation:** Associate Professor

3. **Address :** Kavya, Nut Street, Vadakara

   Kerala - 673104

Mobile:- 9994174075 **E-mail :** srikanthcnair@gmail.com

4. **Qualification:**

- Doctorate (**Ph.D.)** on thesis titled "FPGA Based Implementation of Novel PWM Strategies for Voltage Source Inverters", from Anna University, Chennai, India in 2013.
- Master Degree (**M.E**) with a specialization in Process Control and Instrumentation, from Annamalai University, Chidambaram, India – 2004.
- Bachelor Degree (**B.E**) with specialization in Instrumentation and Control Engineering, from Arulmigu Kalasalingam College of Engineering, Srivilliputhur, India – 2001.

5. **Area of Specialization:** FPGA Based PWM Control

6. **Experience:**

- Worked as Assistant Professor in Department of Electronics and Instrumentation Engineering, Noorul Islam University, Kumaracoil, from 2005 March to June 2014.
- Worked as Associate Professor / H.O.D in Department of Electrical and Electronics Engineering, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur, from 2014 June to December 2015.
- Worked as Associate Professor / H.O.D in Department of Electrical and Electronics Engineering, College of Engineering Vadakara (CAPE, Est. by Govt. of Kerala) from January 2016 to December 2017.
- Working as Associate Professor / H.O.D in Department of Electrical and Electronics Engineering, College of Engineering Trikaripur (CAPE, Est. by Govt. of Kerala) from January 2018 to Till Date

7. **Membership to professional Organization/Associations:**

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member/Student member
1.	ISTE	Life Member
2	IEEE	Annual Member
3	I.E (I)	Life Member

8. **Workshop/Seminar participated:**

Sl. No.	Title	Organized by	Year/Month
1	Emerging Adaptive systems and Technologies	NICE	Dec. /2005
2	Nano Technology- The Technology of the Future	Govt engineering college , Thiruvanathapuram	March/ 2007
3	Internal Quality Audit as per ISO 9001 : 2008	NICHE, Kumaracoil	January /2010
4	Symposium on Model – based Robot vision VLSI processor	NICHE, Kumaracoil	October/2008
5	Graphical System Design for Engineering Applications Using Labview	TechLabs, Chennai.	November /2010
6	Engineering Graphical System Design using LabVIEW	NICHE	January /2011
7	Advanced Digital Signal Processing using Labview	ICT Academy, Govt. of Tamilnadu	May/ 2011.
8	DCS Fundamentals and Engineering	NICHE, Kumaracoil	Nov. /2010.
9	Hands on training on Labview	SRM University, Chennai	Dec. /2010
10	Hands on training on PLC & SCADA	NICHE, Kumaracoil	March /2011
11	Mini Colloquium on Micro Electronics Circuits and Systems	NICHE, Kumaracoil	Feb./ 2012
12	Industry Orientation Workshop	ISTE Faculty Chapter SACOE	Dec./2015
13	Symposium on Electrical Machines and Power Electronics	IIT Gandhinagar	Novenber/2016
14	Workshop on Quality Initiatives in Technical & Higher Educational Institutions	ESCI	December/2016

9. **Faculty Development Programme participated:**

Sl. No.	Title	Organized by	Year/Month
1	Induction Training Programme for Teachers	NICE, Kumaracoil	May/ 2005
2	Soft Computing Techniques for Controls Design	NICE, Kumaracoil (AICTE Sponsered)	December/2006
3	Design and Simulation in Control Systems Engineering	Pondichery Engineering College, Pondichery	June/ 2007
4	Soft Techniques for Measurement and Automation	NICE, Kumaracoil (AICTE Sponsered)	December/2007
5	Labview with hands on training	SRM University, Chennai	December/2010
6	Control & Image Processing Applications using MATLAB	NICHE	December/2012
7	Embeded System using ARM7 Microcontroller	ISTE Faculty Chapter SACOE	December/2015
8	Power Electronics Technology, Its Applications and Control	Dept. of EEE, CEV	March/2016
9	Power Industry Familiarization Program	Power Engineers Training and Research Centre	August/2016
10	Management Development Programme	IIMK	May/2016
11	HVDC Systems for bulk power transmission and Grid interation of Renewable energy sources.	IIT Roorkee	March/2017

10.**FDP/Seminar/Workshop coordinated**

Sl. No.	Title	Sponsor/Place	Year/Month
1	Engineering Graphical System Design using LabVIEW	NICHE, Kumaracoil	January 2011
2	FPGA Based Control For Power Electronics Applications	ISTE / SACOE, Tiruchendur	July/2014
3	Power Electronics Technology, its Applications and Control	TEQIP / CEV	March/2016
4	National Conference on Recent Trends in Electrical Engineering & Industrial Electronics	TEQIP / CEV	October / 2016
5	Emerging Trends in Power System Engineering	TEQIP / CEV	December 2016
6	STTP on Fault Diagnosing & Maintenance of Electrical and Electronics Equipments & Measuring Instruments	TEQIP / CEV	December 2016

10. **Publications**

International Journals

1. Sreekanth C. and Moni R.S. "FPGA Based Implementation of Amplitude Modulated Triangular Carrier PWM",Przeglad Elektrotechniczny (Electrical Review), Vol. 07, pp. 41-44, 2013.
2. Sreekanth C. and Moni R.S. "A Novel FPGA Based PWM Active Power Filter for Harmonics Elimination in Power System", International Journal of Electrical ngineering, Vol. 5, No.7, pp. 853-862, 2012.

International Conferences

1. Sreekanth, C. and Moni, R.S. "FPGA Implementation of simplified AMTC-PWM Algorithm for a Single Phase Voltage Source Inverter", IEEE International Conference on Information and Communication Technologies(ICT 2013),
2. Sreekanth, C. and Moni, R.S. "Dynamically Reconfigurable PWM Controller for Single Phase Rectifiers", IEEE International Conference on Circuit, Power and Computing Technologies (ICCPCT 2013), pp. 258-264
3. Sreekanth, C. and Moni, R.S. "FPGA Implementation of Current mode Active Clamp ZVS DC-DC Converters", Proc. of International Conference on Recent Advances in Mech. Engineering (ICRAME 2010), pp. 688-696, 2010.

11. **Conferences**

Sl. No.	**Date**	**Name**	**Institution/place**	**Attended/Presented**
1	16&17 December 2005	International Conference on Emerging Adaptive Systems and Technologies	Noorul Islam College of Engineering, Thuckalay	Attended
2	15,16&17 October 2008	AICTE Sponsored National Conference on Recent Advances in Intellegent Networking	Noorul Islam College of Engineering, Thuckalay	Presented paper titled--- Model Based Robot Vision VLSI Processor

3	8&9 April 2010	International Conference on Recent Advances in Mech. Engineering	Noorul Islam Centre for Higher Education, Thuckalay	Presented paper titled--- FPGA Implementation of Current mode Active Clamp ZVS DC-DC Converters
4	7&8 April 2011	National Conference on Communication, VLSI & Signal Processing	Rajas Engineering College, Vadakkankulam	Presented paper titled--- Comparison between PLC and DCS for Burner Automation
5	22 & 23 March 2013	IEEE International Conference on Circuit, Power and Computing Technologies	Noorul Islam Centre for Higher Education, Thuckalay	Presented paper titled--- Dynamically Reconfigurable PWM Controller for Single Phase Rectifiers
6	11&12 April 2013	IEEE International Conference on Information and Communication Technologies	Noorul Islam Centre for Higher Education, Thuckalay	Presented paper titled--- FPGA Implementation of simplified AMTC-PWM Algorithm for a Single Phase Voltage Source Inverter
7	22 & 23 February 2016	National Conference on Recent Trends in Computational Intellegence and Image Processing	College of Engineering Vadakara	Attended
8	18,19&20 October 2016	International Conference on Signal, Power, Communication, Security and Computing Applications	College of Engineering Vadakara	Attended

12. **Inter action with outside world**

SL. No.	Date	Institution/place	Duty attended
1	30-1-2017	C.E Kidangoor	Resource Person for the Preparatory Course on B Grade Electrical Supervisory License
2	July 6, 7 2017	Vimal Jyothi Engineering College, Kannur	Technical Chair for the IEEE Sponsored International Conference on Intelligent Computing, Instrumentation & Control Technologies
3	June 2017	Toc H Institute of Science & Technology, Arakkunnam	External Examiner for P.G Viva Voce
4	June 2017	College of Engineering Thalassery	External Examiner for P.G Viva Voce
5	April 27 2017	KMCT College Of Engineering For Women, Mukkom	KTU Expert Visit Committee Member for Institution Inspection
6	December 12, 2016	College of Engineering Thalassery	Doctoral Committee Meeting for KTU Research Scholors
7	May 22, 2017	Vimal Jyothi Engineering College, Kannur	Doctoral Committee Meeting for KTU Research Scholors
8	April 18 to 20 2018	Toc H Institute of Science & Technology, Arakkunnam	Resource Person for the KTU Sponsored FDP in Emerging Trends In Embedded Systems