


<b>Name:</b>	<b>MR.K.SRINIVASAN</b>			
				
<b>Designation:</b>	Associate Professor			
<b>Qualification:</b>	BE, M.Tech, (Ph.D.)			
<b>Area of specialization:</b>	VLSI DESIGN			
<b>Experience : (As On Sep 2020)</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	-		15+	
<b>Number of workshop / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	11		30	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	3	4	-	8
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	1		-	
<b>Professional</b>				

<b>Body Membership:</b>	<ol style="list-style-type: none"> <li>1. ISTE Member – LM 131464</li> <li>2. IEEE Member - 98102348</li> </ol>			
<b>Staff Achievements:</b>	<ol style="list-style-type: none"> <li>1. Produced 100% Results Anna University Examination for more than 5 times in Various Subjects.</li> <li>2. Produced Anna university 3 Rank Holders through mentoring.</li> <li>3. Guided UG &amp; PG Projects.</li> <li>4. Attended various NPTEL Online Certifications Courses and Various training Programs.</li> <li>5. Guest Lecture given for the topic "VLSI Design" In Gojan School of Business and Technology 2018.</li> <li>6. Completed 12+ Coursera Certification &amp; SSC NASSCOM Future Skills Certification.</li> <li>7. Attended Various Online Webinar, Online Quiz and Hands on Training Programs.</li> <li>8. Organized a workshop on OrCAD - PCB Editor 2018.</li> <li>9. Active Co-coordinator of Robotics Club, M - App Club.</li> <li>10. Department Student Attendance Maintenance (Nearly 750students).</li> <li>11. Paper Presented in National and International Conferences.</li> <li>12. Motivated the Students towards Learning.</li> <li>13. Encouraged the students to get in many careers opportunities.</li> </ol>			
<b>Workshop Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Venue</b>	<b>Month/Year</b>

	1	RF,SDR FUNDAMENTAL AND PROGRAMMING	SRM University	6 & 7-3-2014
	2	RECENT TRENDS IN WIRELESS COMMUNICATION	JERUSALEM Engg College	2012
	3	RECENT TRENDS IN ANTENNAS FOR MULTI FIELD APPLICATIONS	SEC	27 & 28-12-2012
	4	SCIENCE OF EMI	SEC	24-9-2015
	5	LABVIEW TOOL AND ITS APPLICATION	SVCT	7-2-2015
	6	FPGA BASED SYSTEM DESIGN	SEC	15 & 17-2-2018
	7.	ONE DAY WORKSHOP ON ESIM, A FIRST COURSE IN THE IOT SERIES FOR TEACHERS	IIT Bombay, MHRD	21-9-2019
	8.	THE COMPLETE ETHICAL HACKING COURSE: BEGINNER TO ADVANCED!	Online Course Completed Udemy	14-11-2019
	9.	ONE DAY WORKSHOP ON ARDUINO HELD AT LOYALA-ICAM COLLEGE OF ENGINEERING & TECHNOLOGY, CHENNAI	IIT Bombay, MHRD	8-2-2020
	10.	ONE DAY WORKSHOP ON “PCB DESIGN” IN ASSOCIATION WITH CRYSTAL CLEAR	KINGS Engineering College	19-6-20

		TECHNOLOGY AND INNOVATION		
	11.	THE BODHITREE AND SAFE TOOLS FOR EFFECTIVE ONLINE TEACHING: A HANDS-ON WORKSHOP	IIT Bombay, MHRD	18-6-20 to 24-6-20
	12.	Tools and Techniques for an Effective Literature Review	AURO University, Gujarat	17 <sup>th</sup> Feb 2023
<b>FDP Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Venue</b>	<b>Month/Year</b>
	1	CLOUD COMPUTING	SEC	5-5-2014
	2	VLSI DESIGN METHODOLOGIES	AGNI College of Engg	18 to 31-10-2013
	3	TRANSMISSION LINES & WAVEGUIDES	SAVEETHA Engg College	19 to 26 -6-2014
	4	EMBEDDED SYSTEMS By Pantech Proed Ltd	SEC	25 & 26-6-2015
	5	CONTROL SYSTEM ENGINEERING	RRASE College of Engg	8 to 15 -12-2014
	6	Integrated Circuits, MOSFETs, Op-Amps and their Applications	NPTEL	(Aug –Oct 2018)
	7	Hardware Modeling Using Verilog	NPTEL	(Jan – Apr 2018)
	8.	2- Day Conclave on		6 <sup>th</sup> & 7 <sup>th</sup> Dec

		Engineering Education For Digital Transformation & Industry 4.0	R.M.K Engg College	2019
9.		Embedded Linux on ZYNQ Board	VIT, Chennai Campus	18/9/2015
10.		AICTE Training and Learning (ATAL) Academy online FDP on “ Augmented(AR) / Virtual Reality(VR)”	Thiyagarajar Polytechnic college	17/8/20 to 21/8/20
11.		Online Spoken FDP on Advanced Communication Laboratory	PSNA College of Engineering & Technology	20/7/20 to 25/7/20
12.		Get Ready for AI with MATLAB and SIMULINK	SEC, Chennai	18/6/20 to 20/6/20
13.		Recent Trends in Information, Computing, Communication and Teaching Methodology Competency	SEC, Chennai	4/5/20 to 17/5/20
14.		National Level Virtual Faculty Development Programme on Nanotechnology	Saveetha Engineering College	29/6/20 to 3/7/20
15.		Emerging Trends and Advancements in Communication Systems – An Industrial Approach	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	6/6/20 to 12/6/20

	16.	STTP on “Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas”	Sri Venkateswara College of Engineering	24/8/20 to 29/8/20
	17.	AICTE Training and Learning (ATAL) Academy online FDP on “ GIS & Remote Sensing”	Goa University	12/10/2020 to 16/10/2020
	18.	AICTE Training and Learning (ATAL) Academy online FDP on “ Advanced Communication Engineering”	Bharati Vidyapeeth College of Engineering	7/12/2020 to 11/12/2020
	19.	Advances in Photonics and Fiber Optics Technologies	IETE Chennai Centre & IEEE Photonics Society Madras Chapter	21.6.2021 & 22.6.2021
	20.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “FPGA Based Deep Learning Applications in Signal Processing”	KLE Technological University.	2021-07-05 to 2021-07-09
	21.	Blockchain Technology	SRM, Vadapalani Campus, Chennai	23.7.2021 & 24.7.2021
	22.	AICTE Training And Learning (ATAL) Academy Online	MS Ramaiah	2021-07-26 to

		Elementary FDP on "Machine Learning Techniques In VLSI Design"	Institute Of Technology.	2021-07-30
	23.	Embedded System Design using Intel SoC FPGAs	SSN, in association with Intel Technologies Ltd., Bengaluru	February 1 –5, 2022
	24.	Deep Learning and its Applications	Dept of AI & DS, SEC, Chennai	11 <sup>th</sup> to 15 <sup>th</sup> July 2022
	25.	Deep Learning	NPTEL – AICTE	July – October 2022
	26	Recent Trends in 5G Communication Networks	SEC	26 - 30.12.2022(Hybrid Mode)
	27	Hands on Training on Data Science Tools	SEC, AI&DS	23 - 28.1.23
	28	Inculcating Universal Human Values in Technical Education	AICTE, New Delhi	6 <sup>th</sup> – 10 <sup>th</sup> March 2023
	29	Vehicular Ad-Hoc Networks	VIT, Chennai	1 <sup>st</sup> – 3 <sup>rd</sup> April 2023
	30	UHV – II	AICTE	20 <sup>th</sup> – 25 <sup>th</sup> March 2023
<b>Conference Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Venue</b>	<b>Month/Year</b>

	1	ADVANCED COMMUNICATION AND COMPUTING TECHNIQUES(NCACCT-14)	SEC	11/4/2014
	2	INTERNATIONAL CONFERENCE ON ADVANCE RESEARCH IN ENGINEERING & TECHNOLOGY(ICARET-14)	ARM College of Engg & Tech	18 -19/4/2014
	3	RECENT TRENDS IN ELECTRICAL,ELECTRONICS AND EMBEDDED SYSTEMS RTEEE-2012	GKM College of Engg	10/3/2012
	4	RECENT TRENDS IN RENEWABLE ENERGY TECHNOLOGY	RRASE College of Engg	23/2/2013
	5.	INTERNATIONAL CONFERENCE ON COMMUNICATION,COMPUTING & INTERNET OF THINGS	SEC	15 <sup>th</sup> – 17 <sup>th</sup> February,2018
	6.	2 <sup>ND</sup> INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING TECHNOLOGY AND MANAGEMENT.	Christ the King Engineering College	6 <sup>th</sup> and 7 <sup>th</sup> May 2022
	7.	10 <sup>TH</sup> INTERNATIONAL CONFERENCE ON CONTEMPORARY ENGINEERING AND TECHNOLOGY 2022.	Prince Shri Venkateshwar a padmavathy Engineering College	21 <sup>st</sup> and 22 <sup>nd</sup> May 2022



<b>Journal Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Journal Name</b>	<b>Volume/ Date</b>
<b>1.Scopus Indexed Journal</b>	ISSN:019 3 - 4120	Design of Distributed CMS Using Intelligent Computing Mechanisms	Test Engineering and Management	Vol 82 / Jan – Feb 2020
<b>2.An International Open Access Journal &amp; UGC</b>	2349- 5162	Rescue Robot	JETIR	Volume 6, June 2019
<b>3.Journal of University of Shanghai For Science and Technology</b>	ISSN:10 07-6735	Hampel filter as medical signal filter with doctor’s assistance system for Clinical investigation	JUSST	Volume 23 - Issue 10 - 2021
<b>4. International Journal of Science and Innovative Engineering &amp; Technolgy</b>	ISBN: 978-93- 81288-	Wearable device to track covid 19 symptoms	OSIET	Page No 46, 2022

<p><b>5. International Journal of Advanced Research in Electronics communication &amp; Instrumentation Engineering and Development</b></p>	<p>22-1 -</p>	<p>Smart Trolley Using IOT</p>	<p>ISR Journals and Publications</p>	<p>Page no 580 – 583</p>
<p><b>6. International Journal of science and innovative engineering &amp; Technology</b></p>	<p>-</p>	<p>Systematized VLSI Architecture for AES Algorithm</p>	<p>2022/9</p>	<p>Volume 1</p>
<p><b>7. International Educational scientific research journal</b></p>	<p>-</p>	<p>Smart Helmet Based On IOT Technology</p>	<p>2023/6, Issue 6</p>	<p>Page No 146</p>
<p><b>8. International Journal of Noval Research and Development</b></p>	<p>-</p>	<p>Design and Implementation of RISC-V Processor ALU Using Multiplexer and LUT</p>	<p>2023/9, Volume 8, Issue 9</p>	<p>Page No a341</p>
<p><b>Patent Details:</b></p>	<p><b>Sl. No.</b></p>	<p><b>Title</b></p>	<p><b>Journal Name</b></p>	<p><b>Volume/ Date</b></p>

	1	Li-Fi Based Stereo Audio Streaming Technology	Patent Application Publication	49/2020 Dated 04/12/2020
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**Additional Details:**

1. Undergone Regional Telecom Training in BSNL in Maraimalai Nagar on 16/8/2013
2. Participated in Quality Management System & Audit Training in SEC on 23/2/2013
3. Completed .NET Course at NIIT
4. Undergone Internship for UG Project and Completed at ISRO (SHAR)
5. Acted as a Class Representative & Mentor past 14 years.
6. Organized Robotics & Mini Projects Exhibition.
7. Committee member of Management oriented programs.
8. Student Counsellor.
9. Question Paper Setter.
10. Internal & External Examiner.
11. Exam Answer Paper Evaluator.
12. Class Committee Meeting File Incharge.
13. Acted as a Juries for the International Level Application Development Event – APP FESTO 2020 held from 14<sup>th</sup> August to 15<sup>th</sup> September

2020.

14. ISRO online based course on “ Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System” completed during 17/8/2020 to 20/11/2020.
15. Participated in the Short Term Training Programme on “ AUV and Smart Systems”, 29<sup>th</sup> and 30<sup>th</sup> January 2021, SSN College of Engineering.
16. Coursera Certificates Successfully Completed based on the Topics –  
1.Introduction to google docs, 2.The SDG – A global transdisciplinary vision for the future, 3.Introduction to Virtual Reality,4. Excel Skills for Business: Essentials, 5.Fundamentals of Network Communication, 6.Introduction to HTML,7. Introduction to Big Data, 8.Introduction to Blockchain Technologies, 9.Interfacing with the Arduino, 10.Introduction to the Internet of Things and Embedded Systems, 11.Machine Learning Foundations : A Case Study Approach,12. Control of Mobile Robots, 13.Programming for Everybody(Getting Started with Python).
17. Short Term Training Program attended based on the topic “FPGA based Digital System Design with HDL (Phase – III)” during 22/2/2021 to 27/2/2021, Vel Tech, Avadi, Chennai.
18. Co-ordinated the workshop based on the topic “ Sensor Network Platforms and Tools” during 24/10/2020.
- 19.Refresher Programme on “Feature Analysis Using AI/ML” held during 19.10.2020 to 24.10.2020 organized by Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu.
- 20.Completed Module 5: Technology Enabled Learning and Life-Long Self Learning of NITTT Certification, September 2021.
- 21.Certificate Awarded for being one of the 225 Most Consistent and Active Mentors for Students in ATL Tinkerpreneur 2021.
- 22.Attended Keynote Session on 11.3.2022, Wearable Health Tech for Cancer Supportive Care by Dr. Aishwarya Bandla in the IC3IOT-2022, Sri Sairam Engineering College, 10th & 11th March 2022.
- 23.Attended Keynote Session on 10.3.2022, SWIPT – Simultaneous Wireless Information and Power Transmission for Space Exploration by Prof. Dr Nuno Borges in the IC3IOT-2022, Sri Sairam Engineering College, 10th & 11th March 2022.

24. Attended Keynote Session on 10.3.2022, AI and IOT New Revolution by Prof. Eros G Pasero in the IC3IOT-2022, Sri Sairam Engineering College, 10th & 11th March 2022.
25. Attended Keynote Session on 10.3.2022, Integrating Blockchain in IOT- Concepts and Examples by Dr. Fakhrul Hazman in the IC3IOT-2022, Sri Sairam Engineering College, 10th & 11th March 2022.
26. Coordinated Tessolve – Core Placement Training at Sri Sairam Engineering College on 22nd March to 28th March 2022.
27. Completed, Certificate for Completion of Arduino Training offered by the Spoken Tutorial Project, IIT Bombay, June 3rd 2022.
28. Completed Module 1: Orientation towards Technical Education and Curriculum Aspects of NITTT Certification, July 2022.
29. Completed NPTEL Online Certification on Deep Learning with Elite Grade, July – Oct 2022.
30. Coordinated IEEE Madras Section Sponsored 5 Days Faculty Development Programme on “Recent Trends in 5G Communication Networks”, 26 – 30.12.2022 (Hybrid Mode).
31. Conducted a compelling guest lecture on "MOSFET Evolution" at Rajalakshmi Engineering College on January 25, 2023, engaging a diverse audience of 100 attendees.
32. Actively participated in a webinar on VLSI Design Flow using Vivado hosted by Corel Technologies and xilinx on 31<sup>st</sup> Jan 23. This opportunity provided a platform to engage with industry experts, discuss emerging trends, and contribute to the ongoing discourse in Semiconductor Industry.
33. NITTT 8 Module Completed Successfully.
34. Developed and crafted examination papers for Other Colleges.

