

A1	Personal details	
Name: S. Premkumar		
Address: 85/ 43 APPA SAMY STREET, SHEVAPET, SALEM- 636002 Mobile: 9994009788 Mail Id: spece@kiot.ac.in		
OBJECTIVE: Looking forward to work in a challenging environment which allows me to enhance my skill sets and do demanding tasks with sheer involvement thereby contributing to the organization’s growth and success.		

A2	Areas of Interest	Embedded System
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A3	Subjects Taught	
	UG	PG
	Microprocessor and Microcontroller	Advanced Digital System Design
	Digital Signal Processing	
	Signals and Systems	
	Circuit Analysis	
	Computer Architecture	
	Microcontroller and RISC architecture	
	Advanced Computer Architecture	
	Advanced Microprocessor	
	Linear Integrated Circuits	
	RF and Microwave Engineering	
	Digital Principles and System Design	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Applied Electronics	K.S. Rangasamy College of Technology	Anna University	April 2010
B.E.	ECE	Government College of Engineering- salem	Anna University	April 2007

A5		Work Experience as on November 2019					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology		Assistant Professor		13.06.19		Till date	
Narasu's Sarathy Institute of Technology		Assistant Professor		04.06.10		08.06.19	
Total Experience	12.5 Yrs	Teaching	12.5 Yrs	Research		Industry	

A6		Research Publications				
Total Number of Publications		International Journal	National Journal	International Conference	National Conference	Total
		4		2	2	8
Recent Publications (Journals)						
1	“PREDICTION ACCURACY OF TERRORIST ATTACK USING ML” in “International Journal of Research Publication and Reviews”, Volume 3, Issue 6, 2022.					
2	IJIRT- June 2018- “Blind Zone Vehicle Detection by Image Processing Method using Matlab”					
3	International Journal of Research and Analytical Reviews June 2018 “VLSI based Design and performance of LNA for impedance matched network realization” UGC Listed.					
Recent Publications (Conferences)						
1	Presented a paper in international conference on recent innovations in engineering’18- Sri Subramaniya College of Engineering and Technology- IoT based Green House Automation- 24.03.2018					
2	Presented a paper in international conference on Electronics signal integrity& communication at Selvam College of Technology entitled “wireless Senor Network Based Smart Agriculture System” held on 09.03.2017					

A7	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1	IAENG

A8	Programs Organised
	Value Added Course- 1 STTP- 3 ATAL FDP- 2 Technical Symposium- 3 National Level Workshop-3 National Level Seminal- 4

A9	Highlights of Major Contributions
1	Motivated students to achieve their goals
2	Serving as overall college Internal Exam Cell Coordinator
3	Department Website in-charge
4	College Emerging Area – Artificial Intelligence Coordinator
5	NAAC Criteria 6 Coordinator
6	Social media cell coordinator

A 10	Training Programmes Attended
1	Attended 1 day Webinar on AI in Healthcare and Medicine on 19 November, 2022, organized by BVICAM, New Delhi.
2	12-week NPTEL course on Digital Circuits and secured Elite certificate on August – October 2022
3	ATAL FDP on Data Analytics in Smart Healthcare from 06.12.2021 to 10.12.2021
4	Online FDP Microsoft Azure AI Fundamentals
5	ATAL FDP on Internet of Things
6	One-week AICTE-ISTE approved Orientation/Refresher Programme on “Online Teaching and Learning Pedagogy” held during 05.04.2021 to 12.04.2021 organized by Knowledge Institute of Technology
7	Webinar on "How to Conduct Online Class to Students"
8	skill development program on Digital System Design with Verilog and Vivado
9	Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0"
10	One week FDP on "Recent Trends in Electronics Industry (RTEI - 2020)
11	Webinar on Online Education and Assessment
12	Two-Day FDP on Virtual Teaching
13	One Day Workshop on C and C++
14	Attended a FDP on “Outcome Based Education” at. Narasus Sarathy Institute of technology on 21.11.2018.
15	Attended a FDP on “Student Induction Program” at SRM Eswari Engineering College- Chennai from 26 th November 2018 to 28 th November 2018.
16	Attended a FDP on “Recent Trends in Signal and Image Processing using LabView” at Mahendra Engineering College from 31.10.2018 to 02.11.2018.
17	Attended FDP on “VLSI Design” at Excel College of Engineering and Technology held on 06.12.17 to 13.02.17
18	Attended FDP on “Introduction to Mobile App Development” at Narasu’s Sarathy Institute of Technology- 25.09.17 and 26.09.2017.
19	Workshop on “translational Engineering In Medicine a Bridge to Improve the Quality of Healthcare” at K.S. R College of Technology held on 15.04.16 to 16.04.2016

20	Workshop on “ Digital Image Processing using MATLAB ”, Department of Electronics and Communication Engineering, Narasu’s Sarathy Institute of Technology , Salem, 19 th August 2011.
21	Attended a Five Days Workshop on “ Mission 10x ”, at Er. Perumal Manimekalai College of Engineering- Krishnagiri. From 31. 10 2011 to 04. 10. 2011.

A 11	Resource Person
1	Guest Lecture Resource Person in the title “Computer Architecture” organized by Narasu’s Sarathy Institute of Technology, Salem on 25.11.2020
2	AICTE Sponsored STTP Resource Person on Applications of Artificial Intelligence Technique in overcoming the challenges of Health care Industry Slot I from 16.11.2020 to 21.11.2020
3	AICTE Sponsored STTP Resource Person on Applications of Artificial Intelligence Technique in overcoming the challenges of Health care Industry Slot II from 07.12.2020 to 12.12.2020
4	AICTE Sponsored STTP Resource Person on Applications of Artificial Intelligence Technique in overcoming the challenges of Health care Industry Slot III from 04.01.2021 to 09.01.2021